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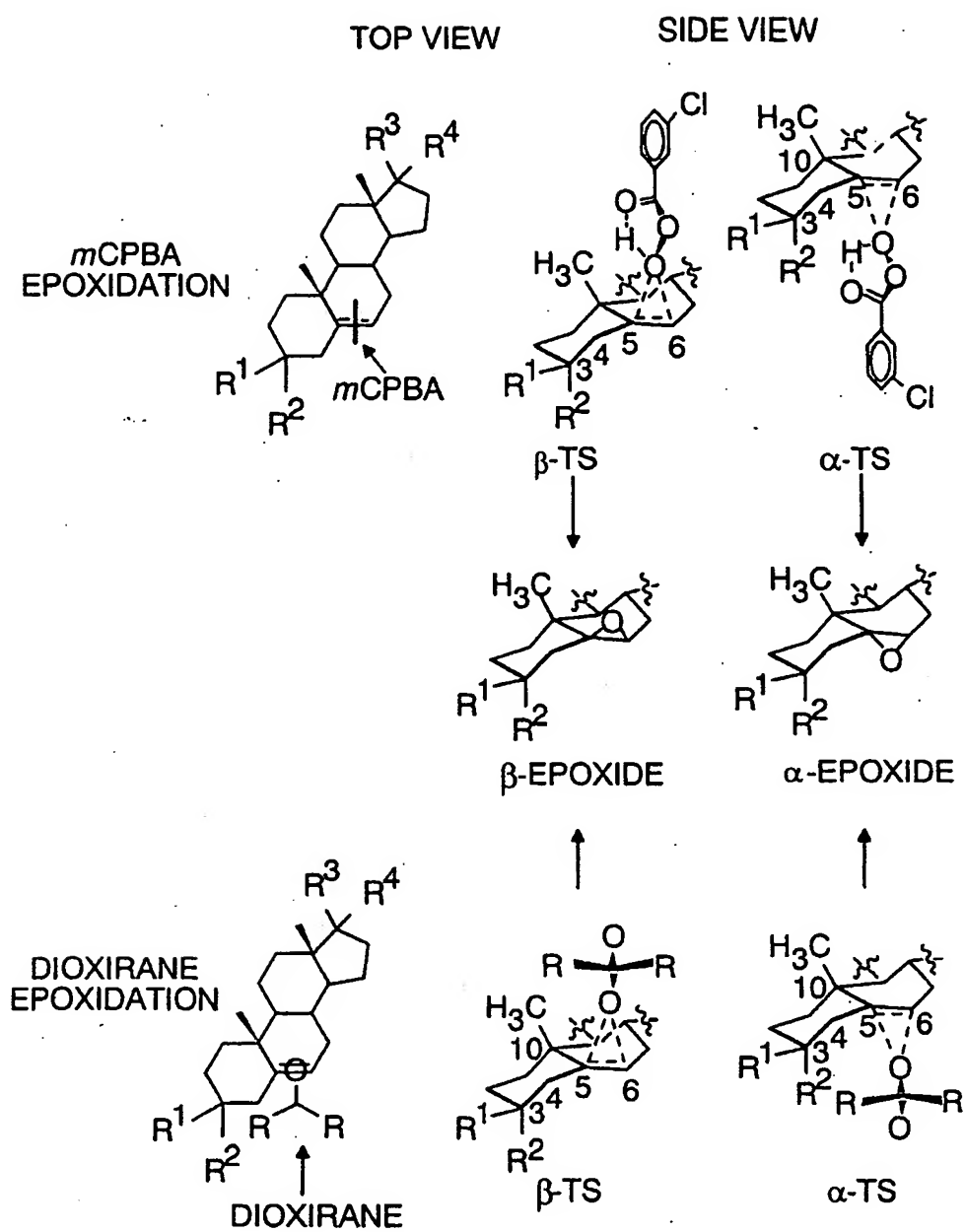
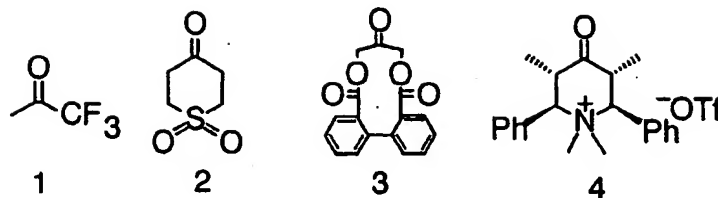


Fig. 1

KETONES:



STERIODS:

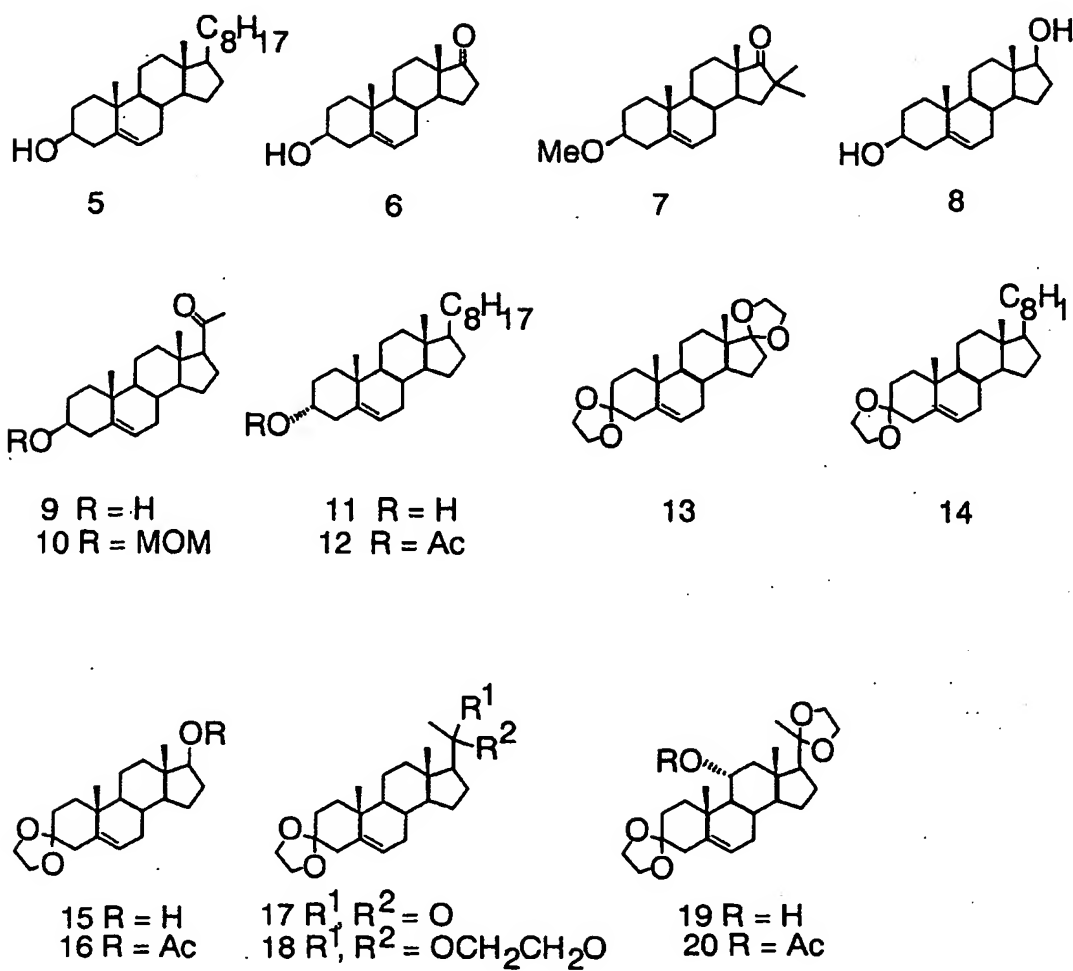


Fig. 2

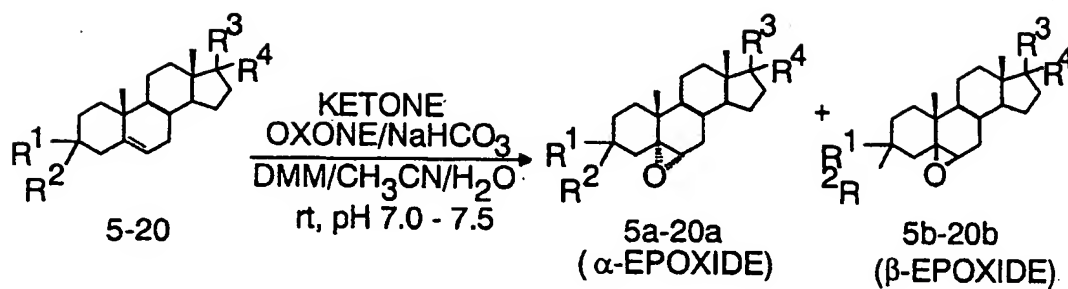
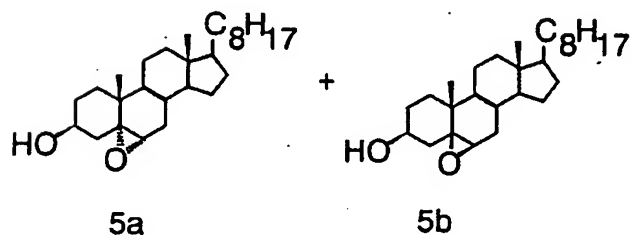
Fig. 3*Fig. 4*

TABLE 1, ENTRY 4

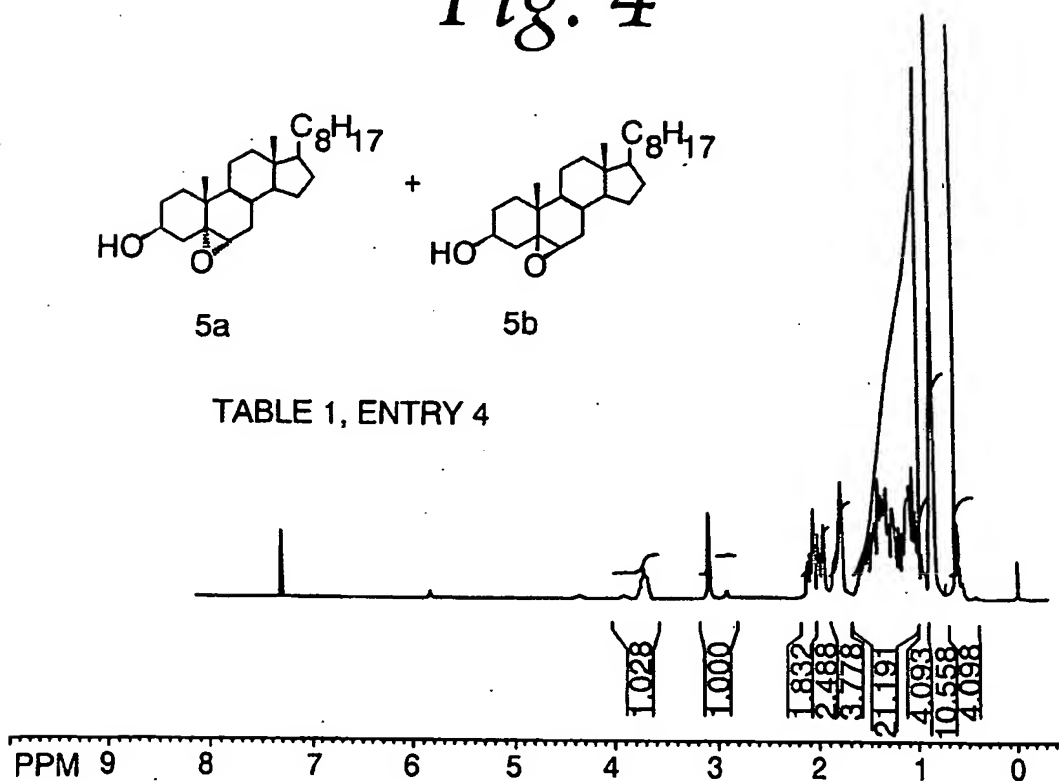


Fig. 5

AUTHENTIC SAMPLES OF 5a/5b

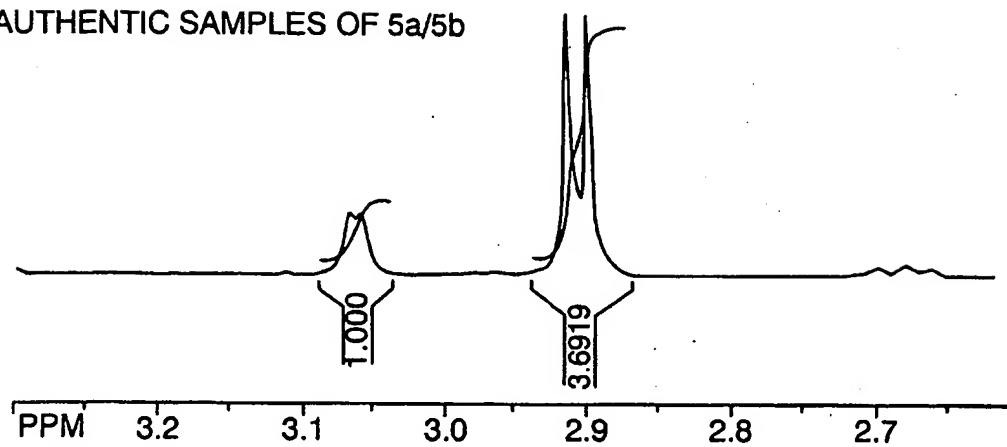
*Fig. 6*

TABLE 1, ENTRY 1

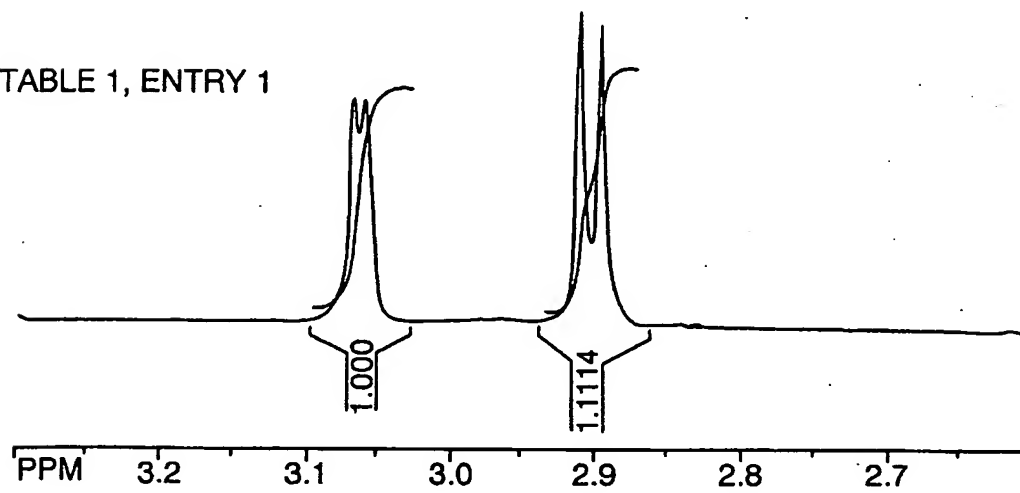
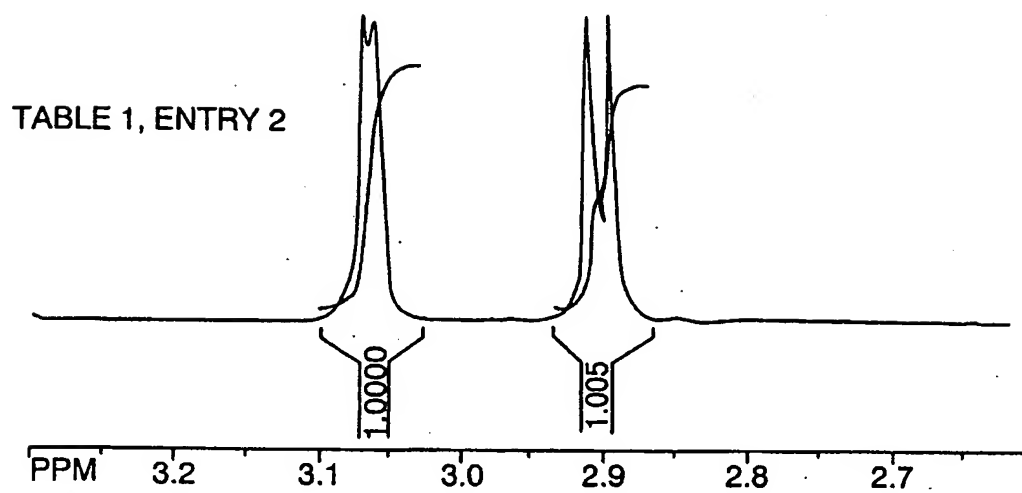
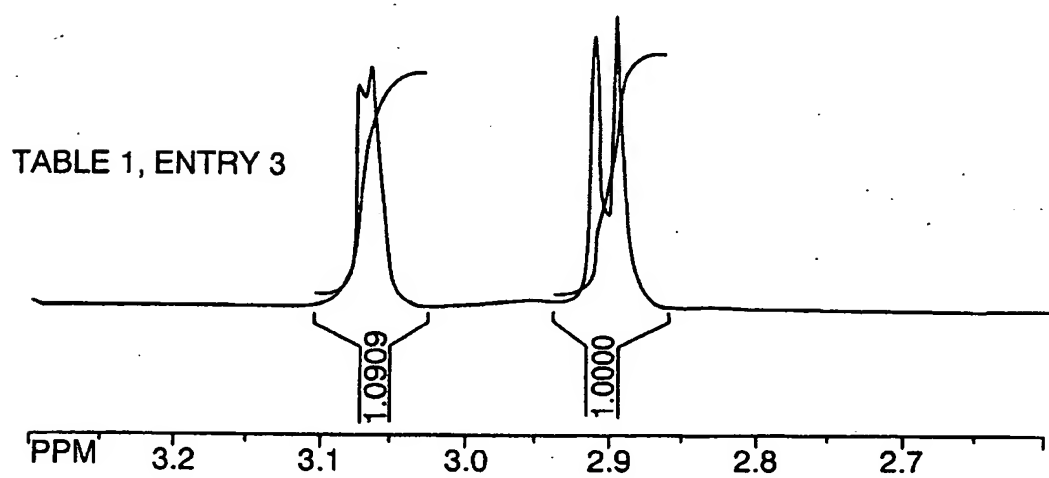


Fig. 7*Fig. 8*

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Fig. 9

TABLE 1, ENTRY 4

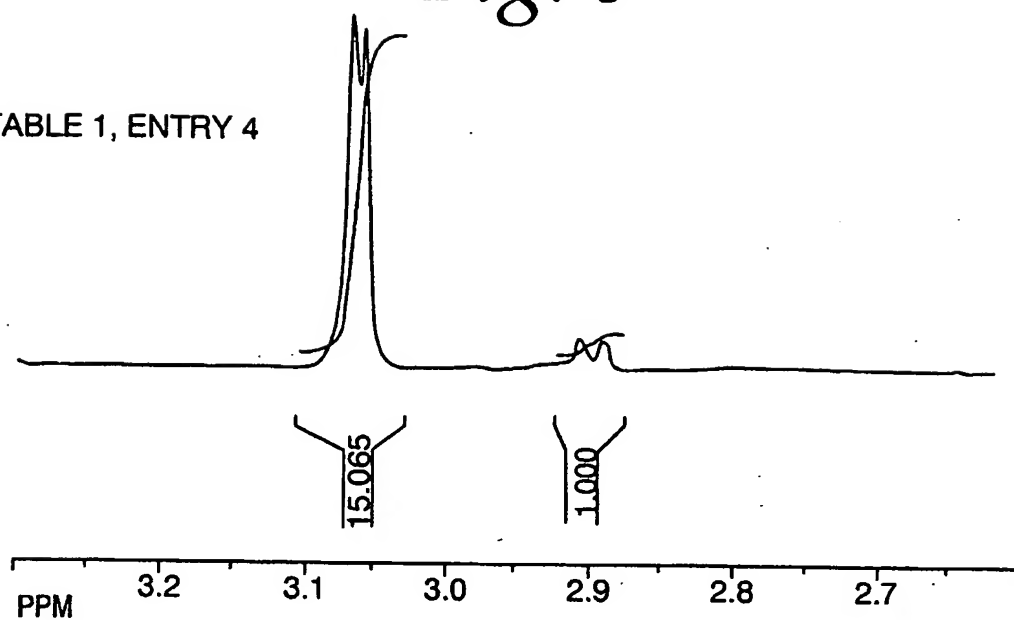


Fig. 10

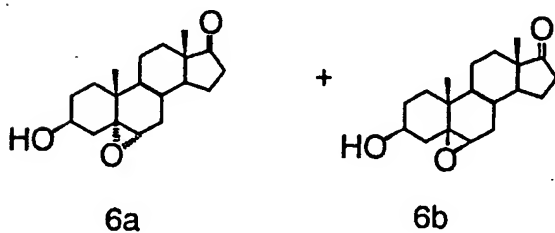
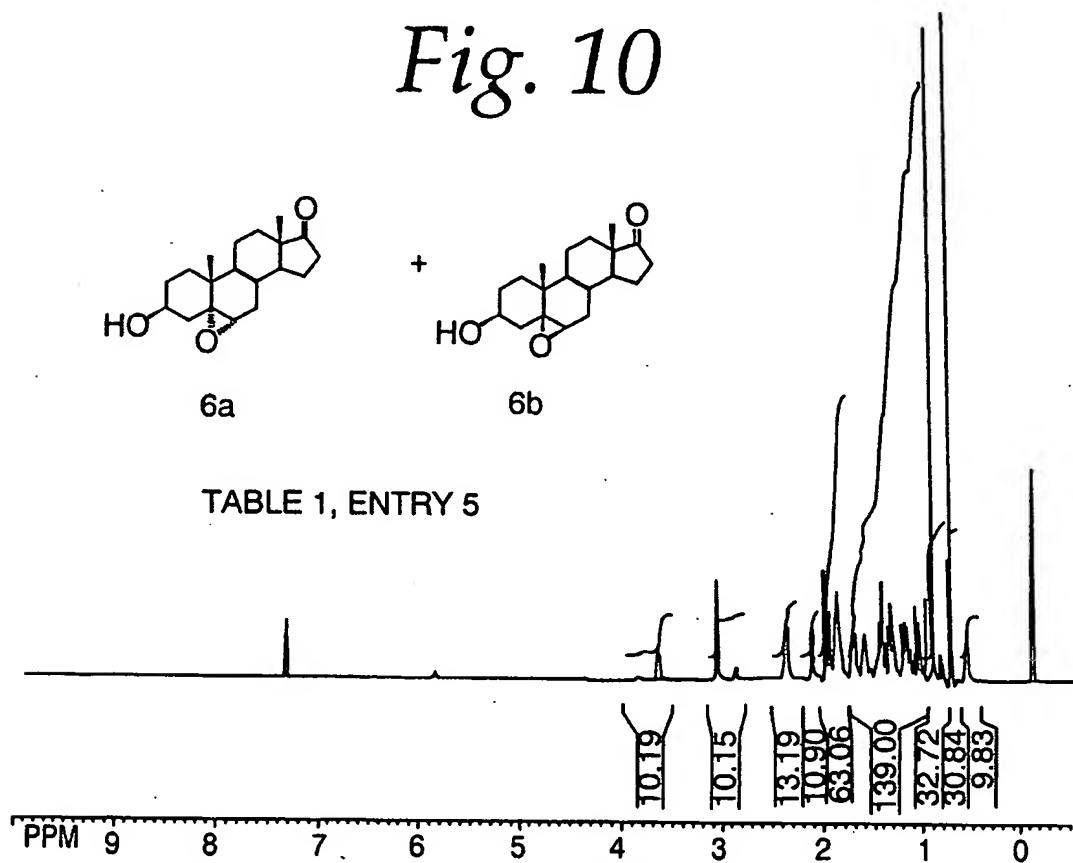


TABLE 1, ENTRY 5



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Fig. 11

AUTHENTIC SAMPLES
OF 6a/6b

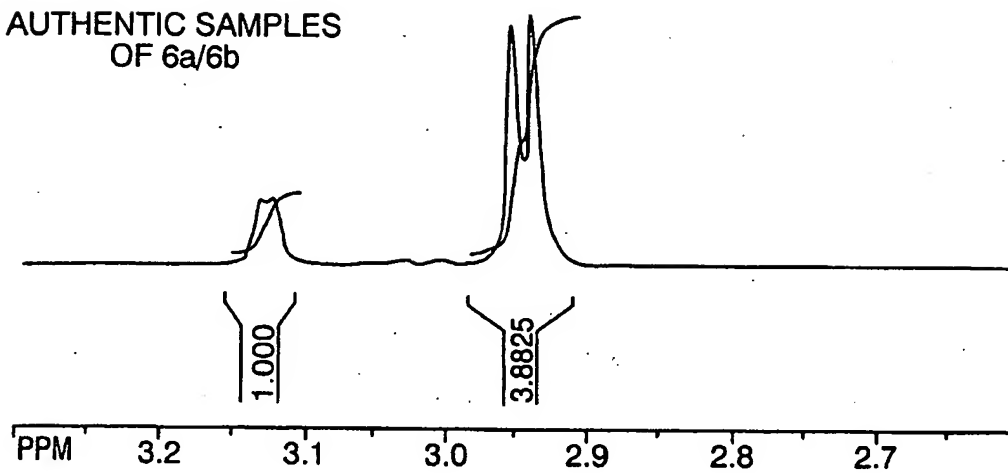


Fig. 12

TABLE 1, ENTRY 5

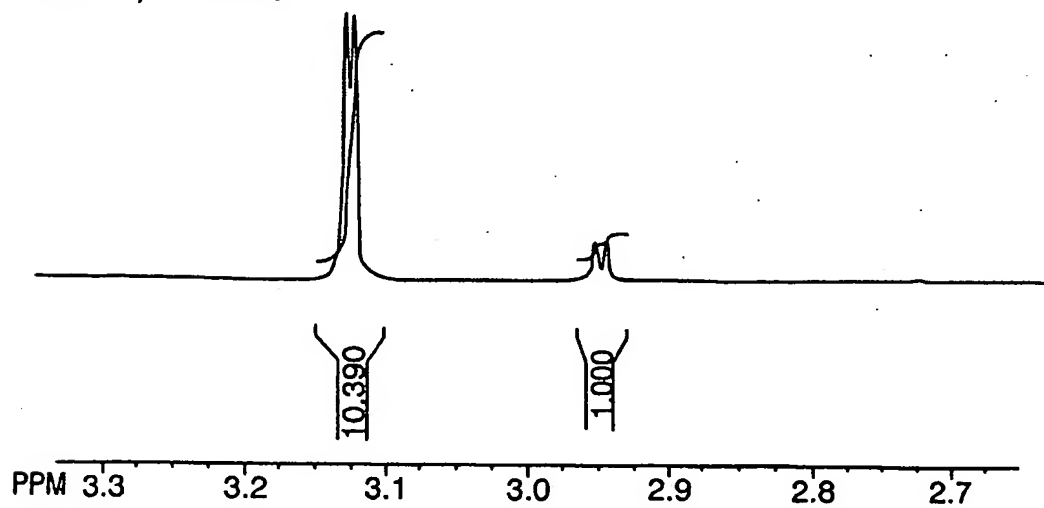


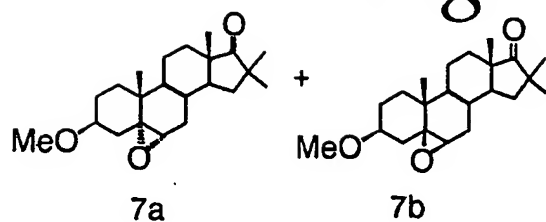
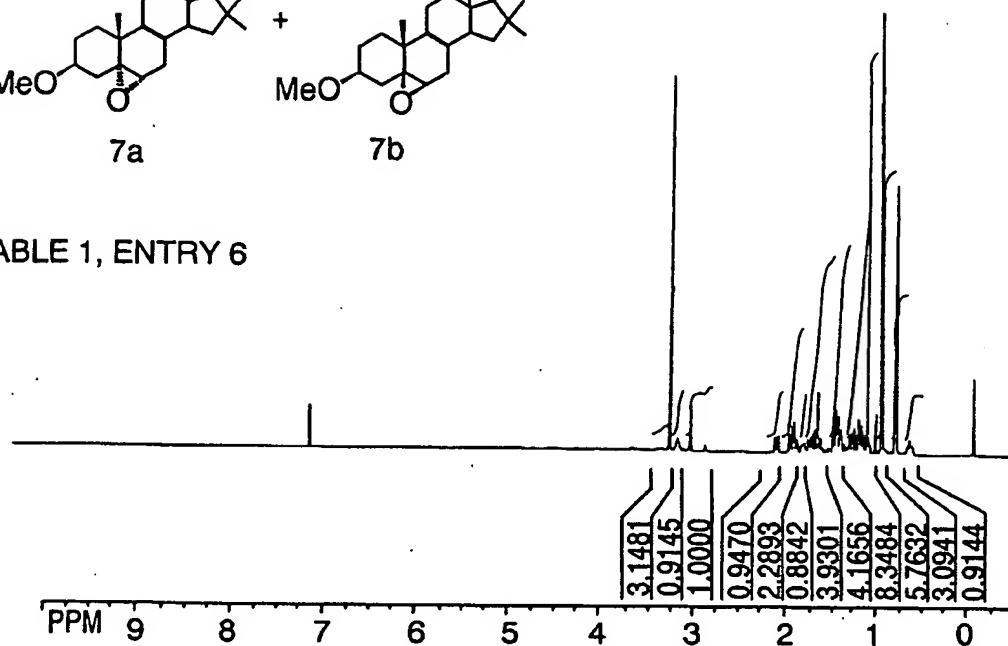
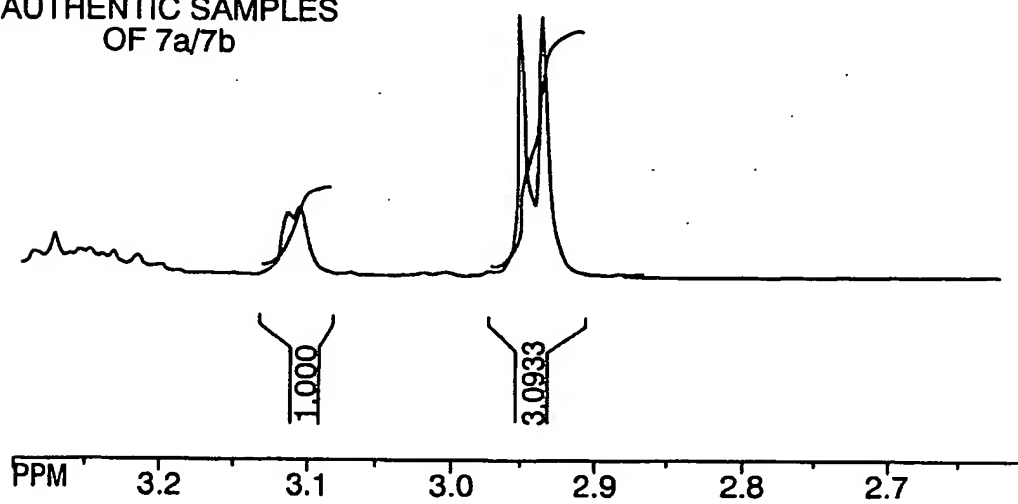
Fig. 13

TABLE 1, ENTRY 6

*Fig. 14*AUTHENTIC SAMPLES
OF 7a/7b

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Fig. 15

TABLE 1, ENTRY 6

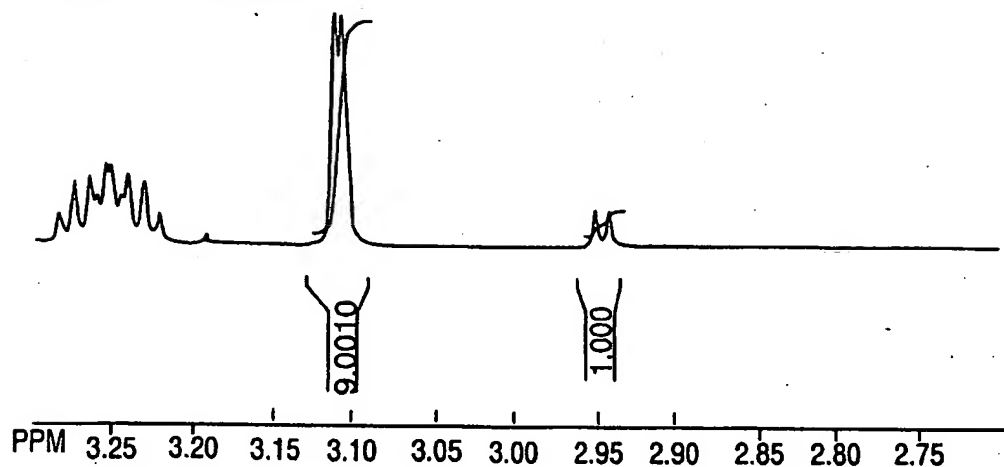


Fig. 16

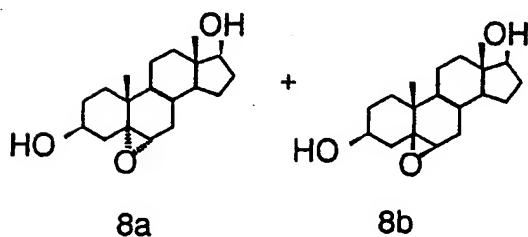
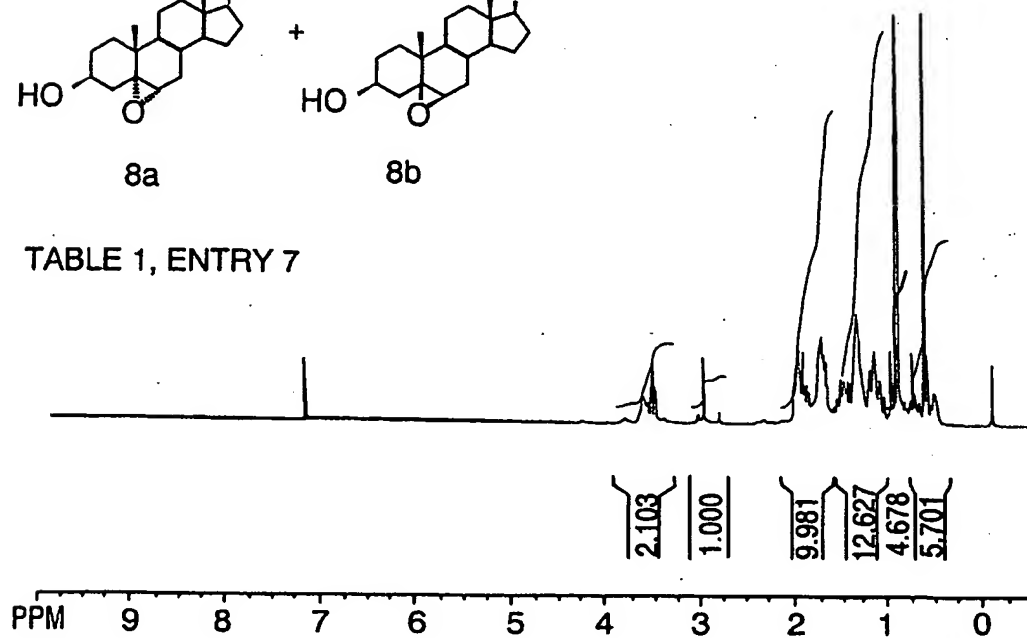


TABLE 1, ENTRY 7



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Fig. 17

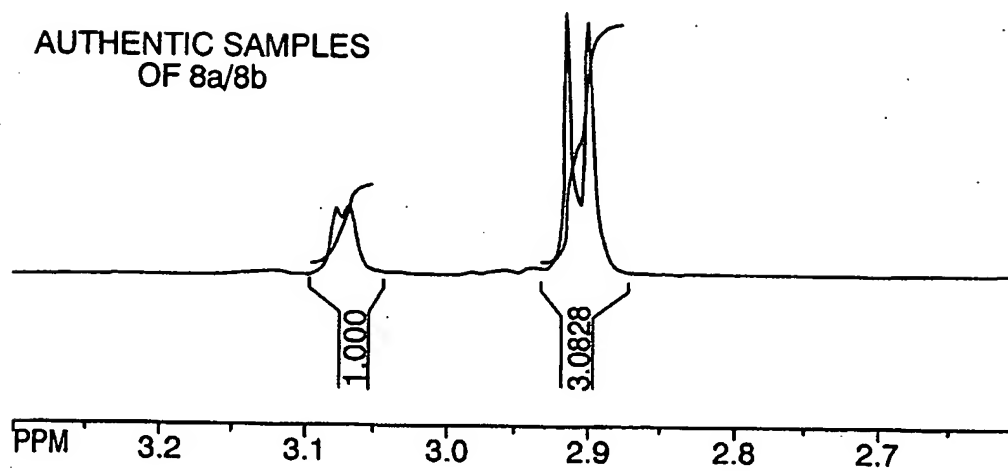
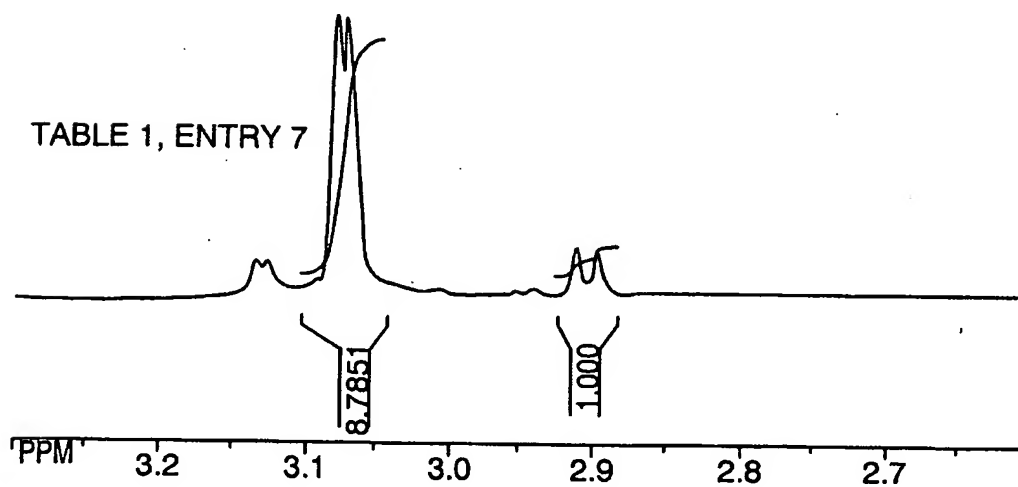


Fig. 18



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Fig. 19

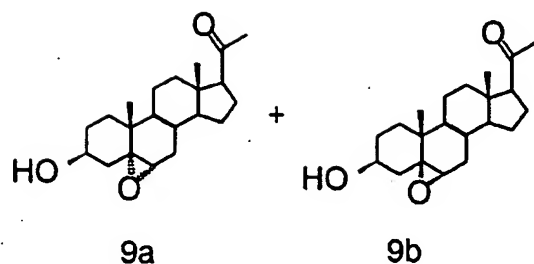


TABLE 1, ENTRY 8

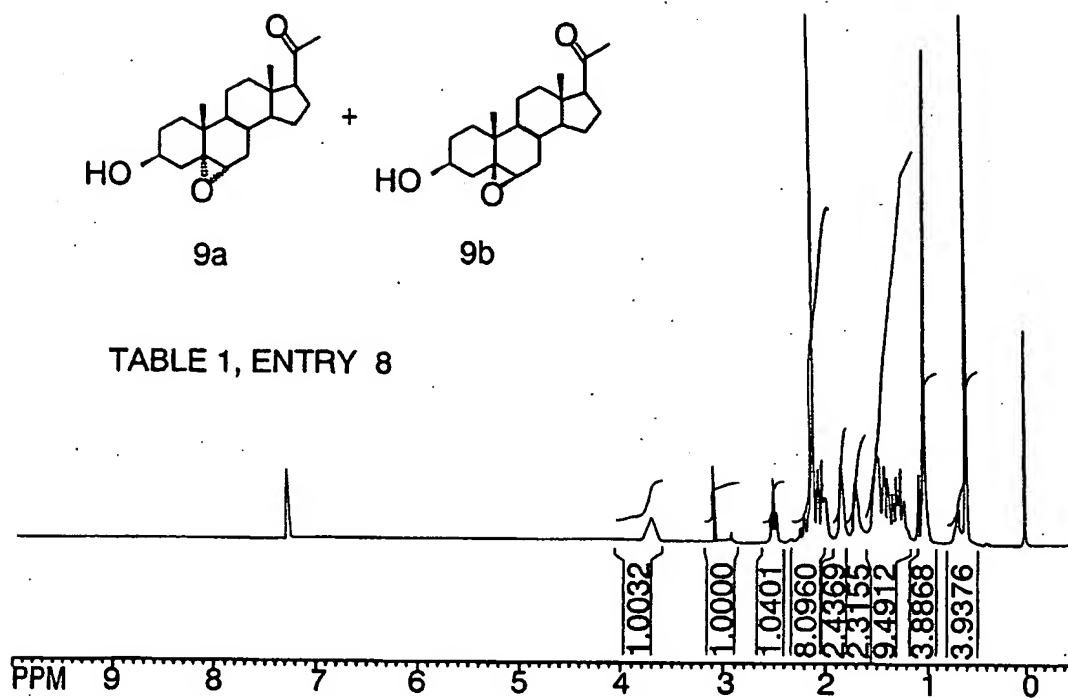
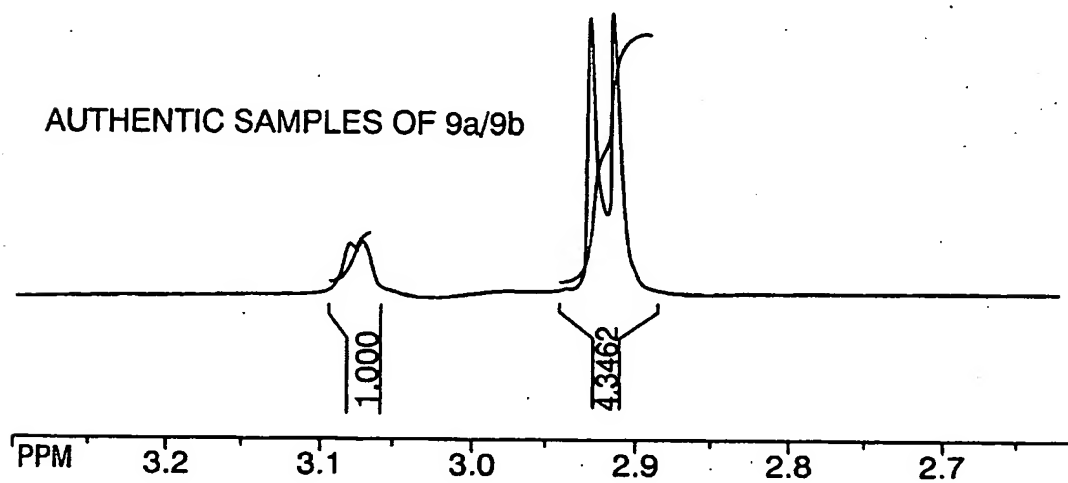


Fig. 20

AUTHENTIC SAMPLES OF 9a/9b



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Fig. 21

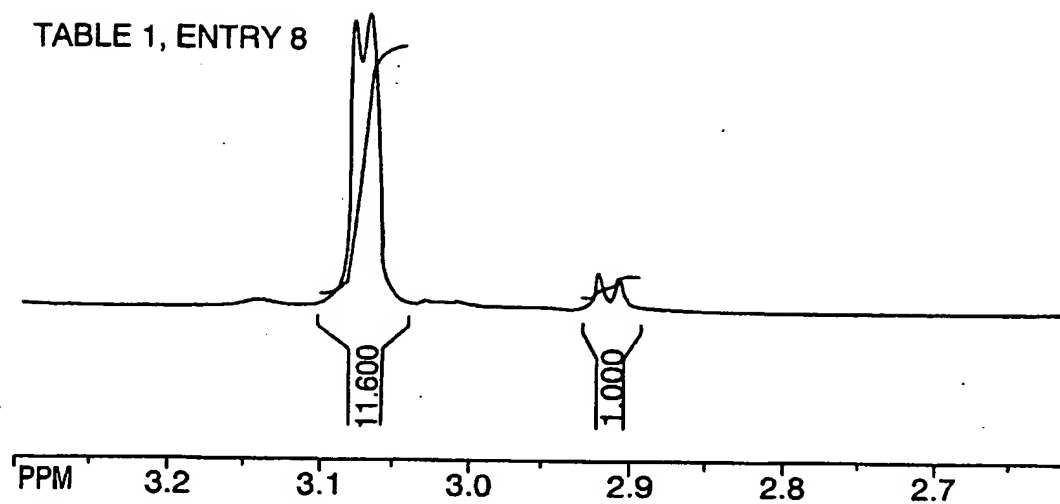
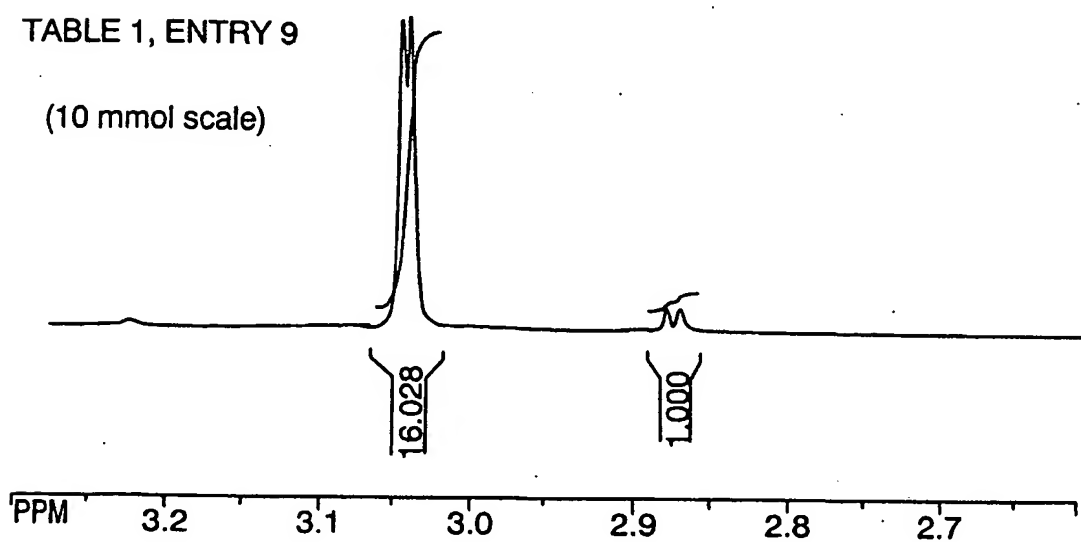


Fig. 22



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Fig. 23

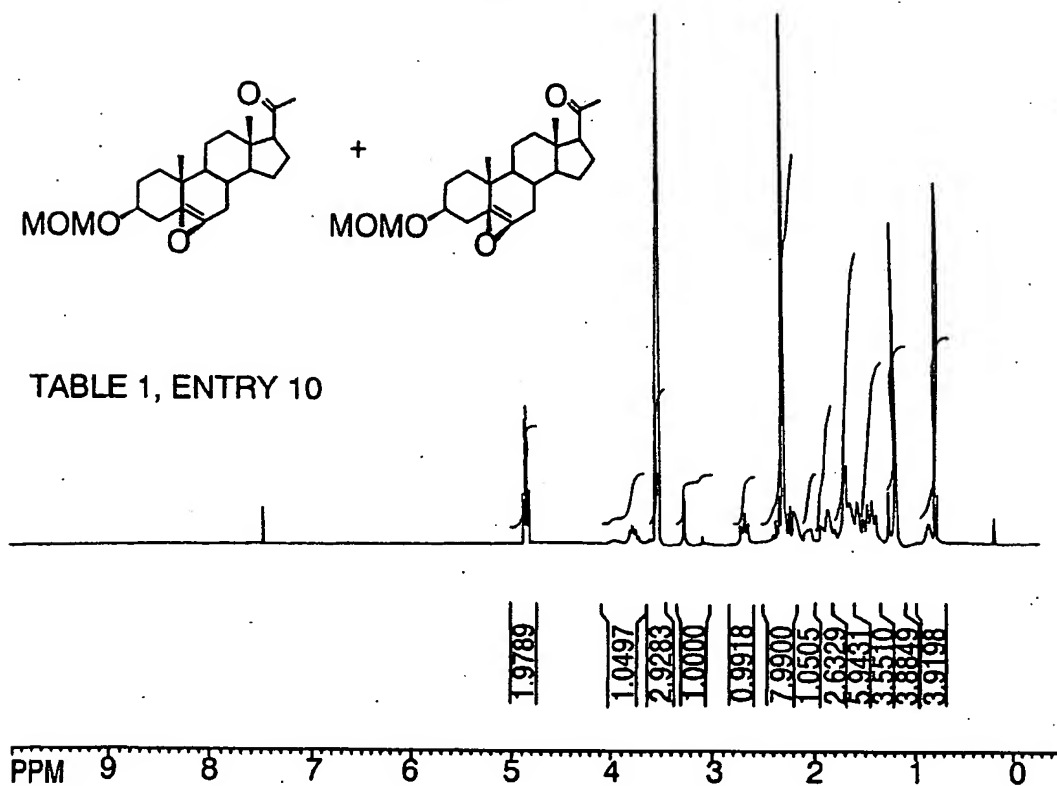
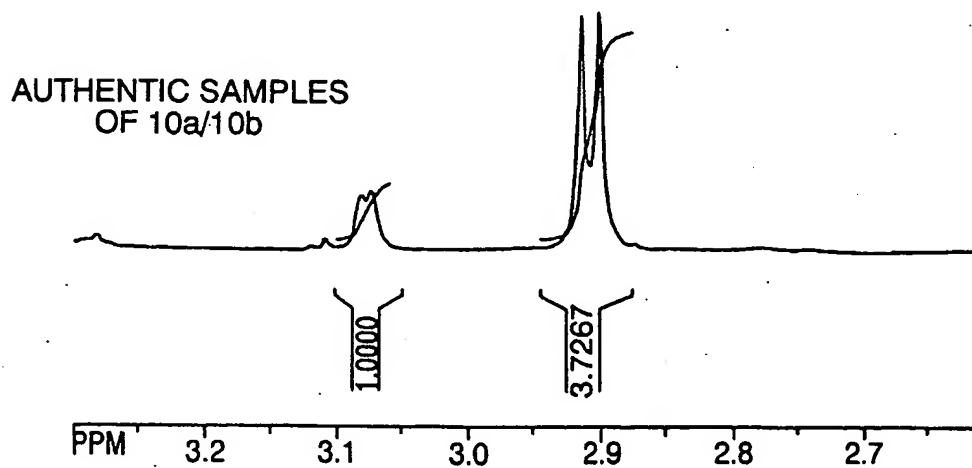


Fig. 24



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Fig. 25

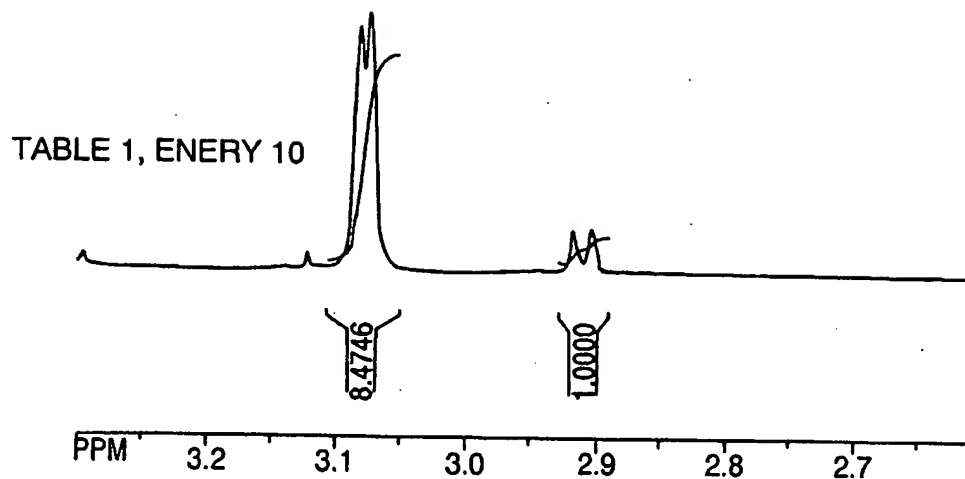


Fig. 26

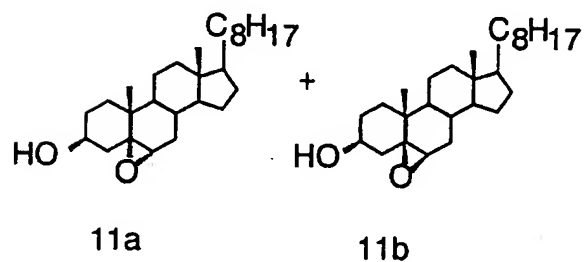
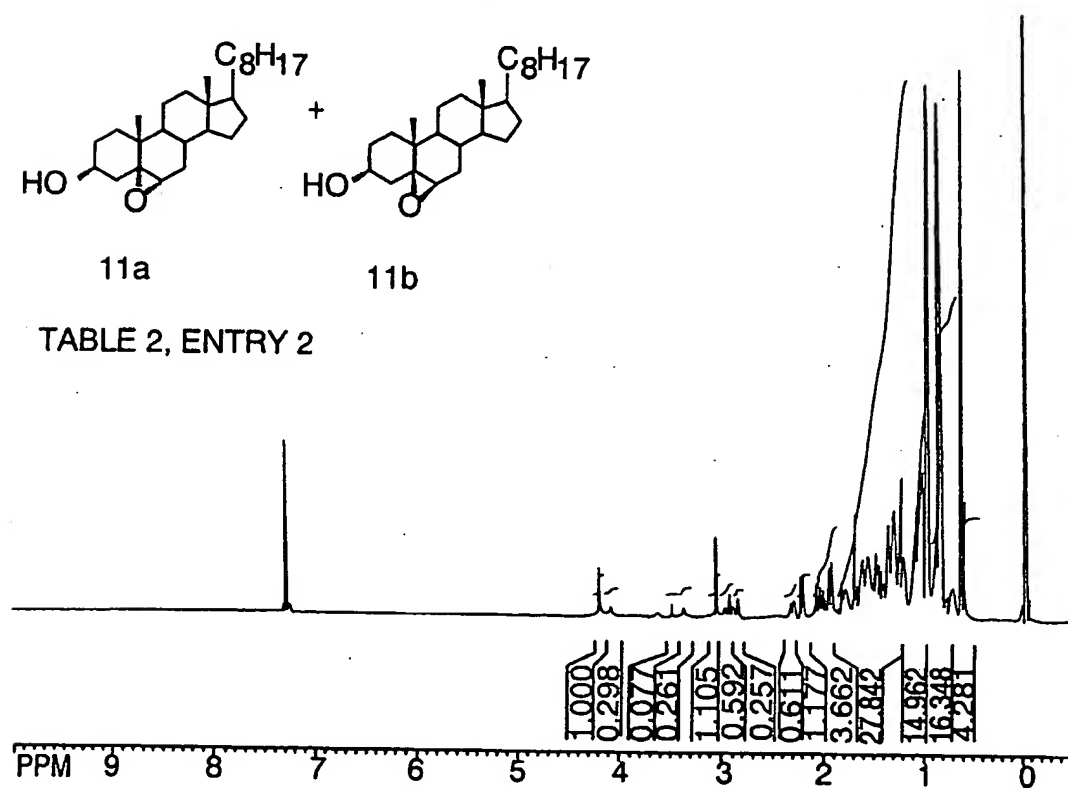


TABLE 2, ENTRY 2



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Fig. 27

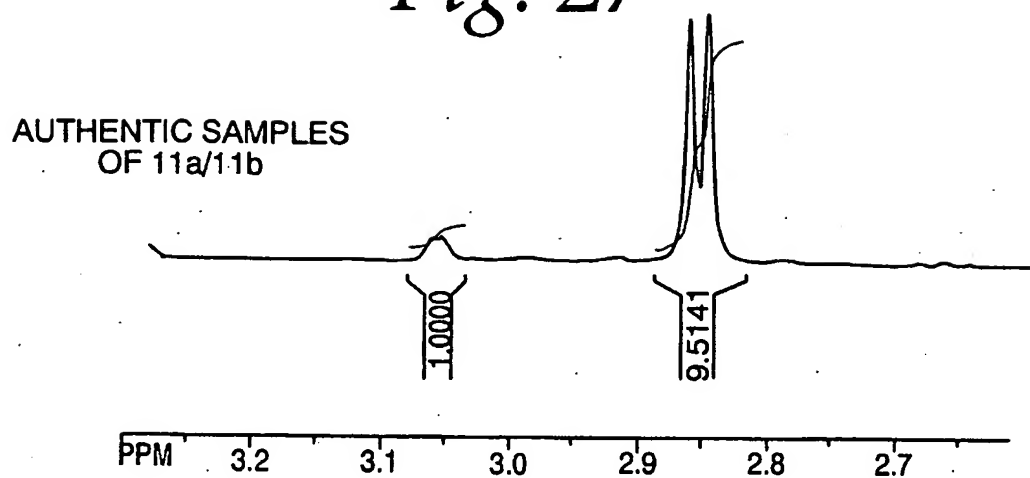


Fig. 28

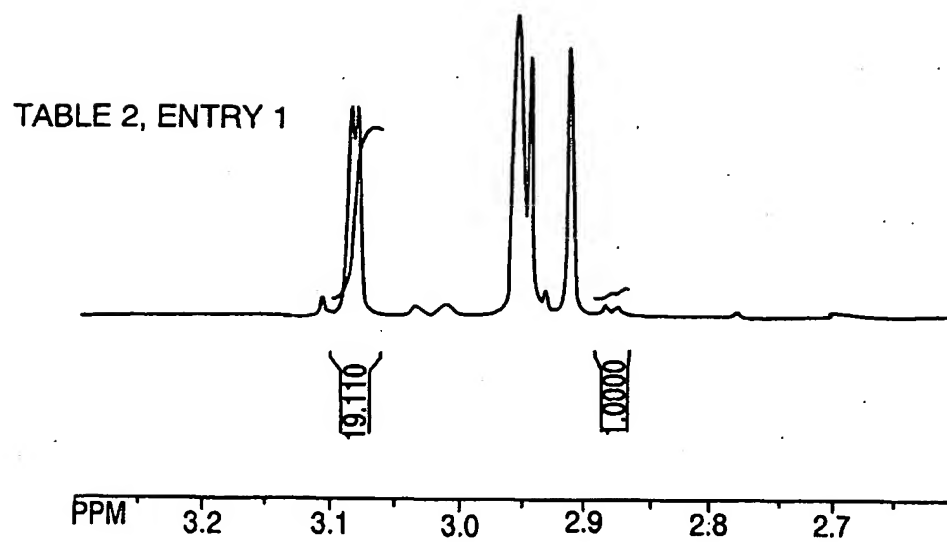
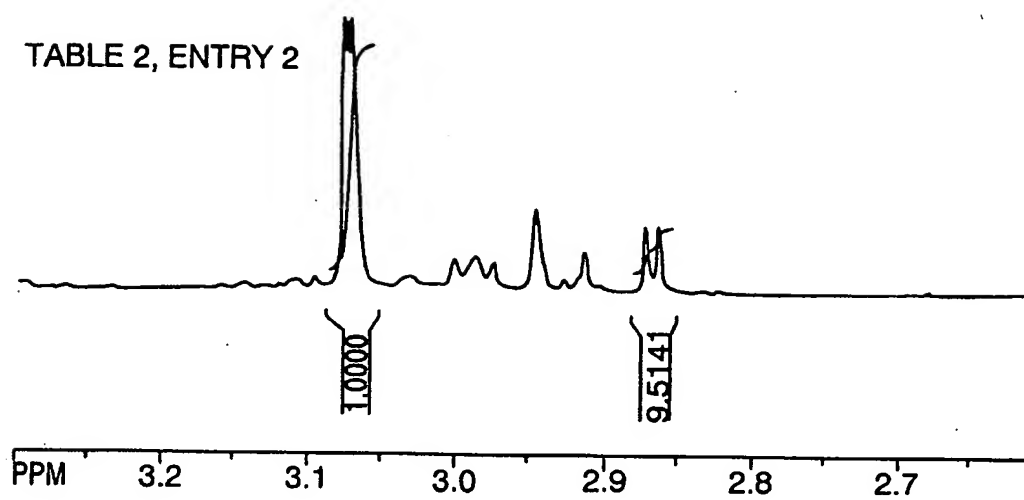
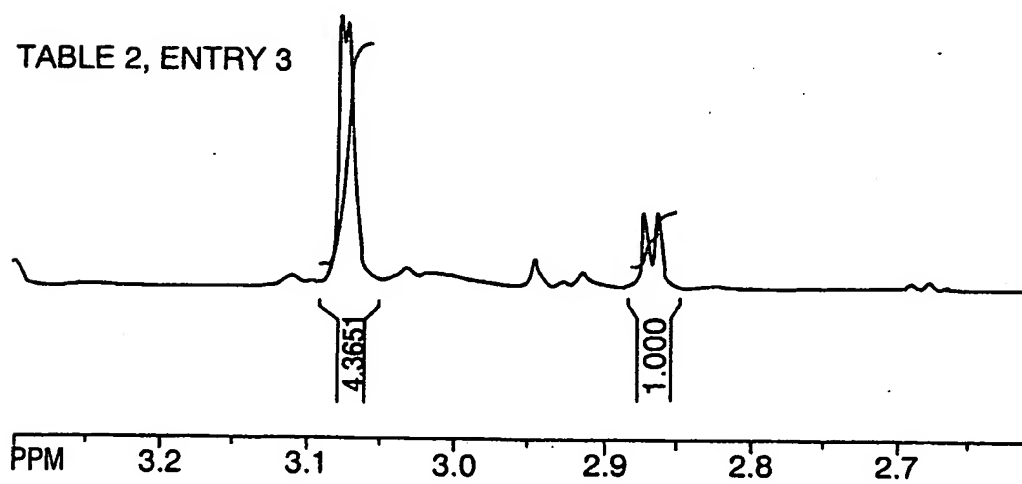


Fig. 29*Fig. 30*

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Fig. 31

TABLE 2, ENTRY 4

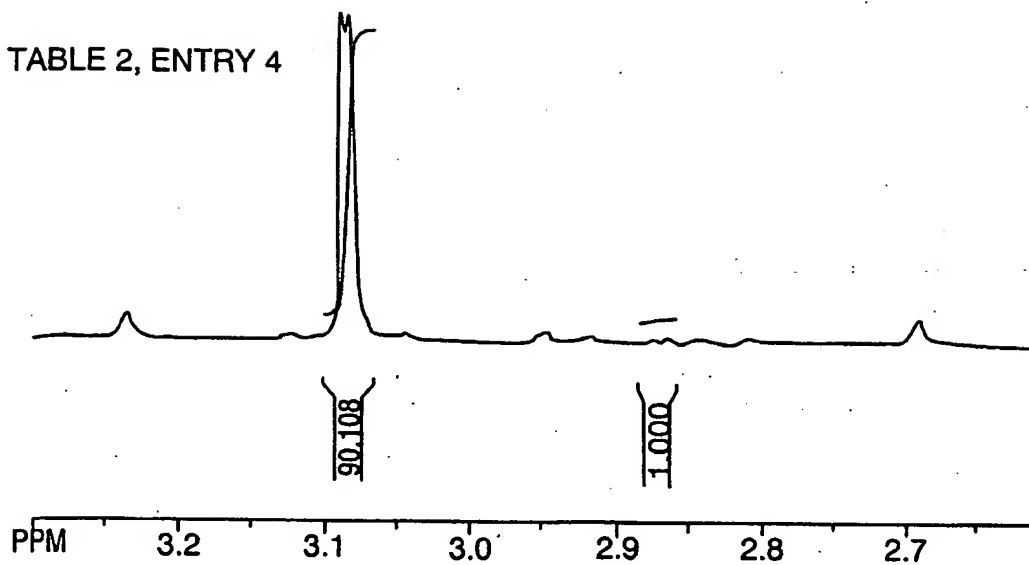
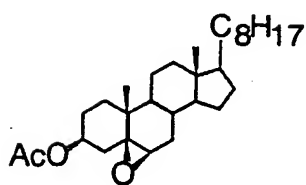


Fig. 32



12b

TABLE 2, ENTRY 5

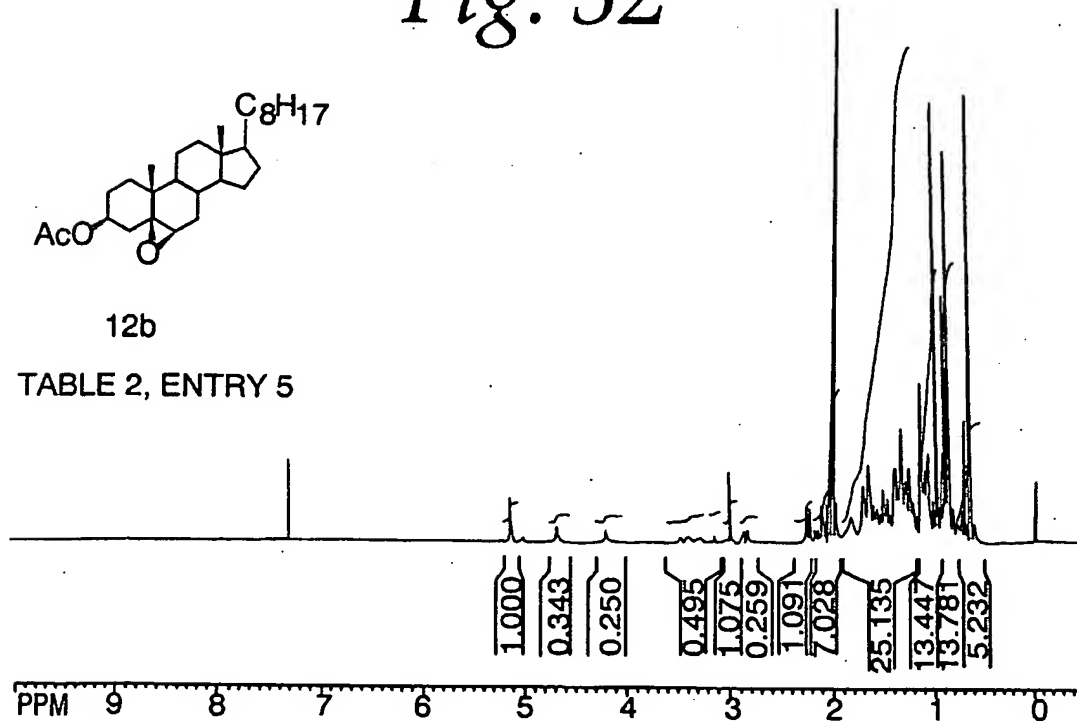
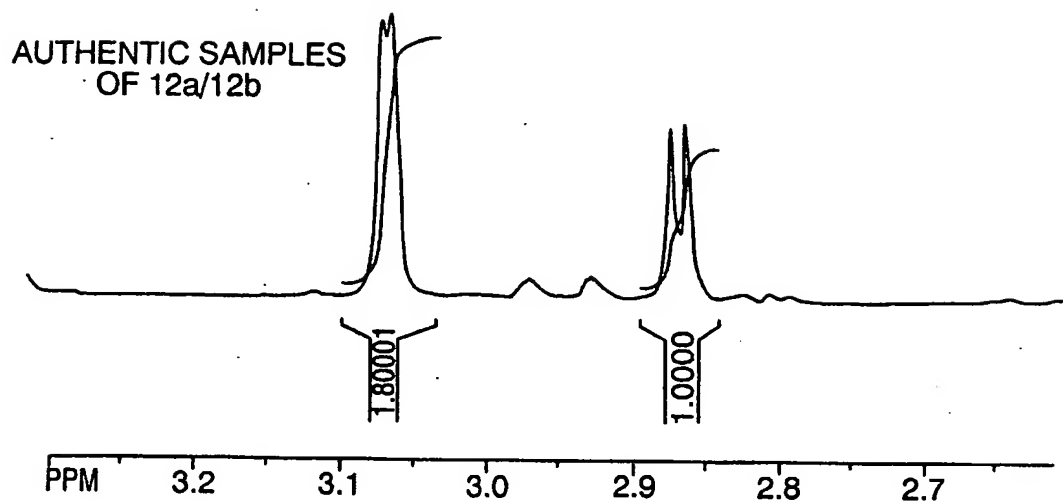
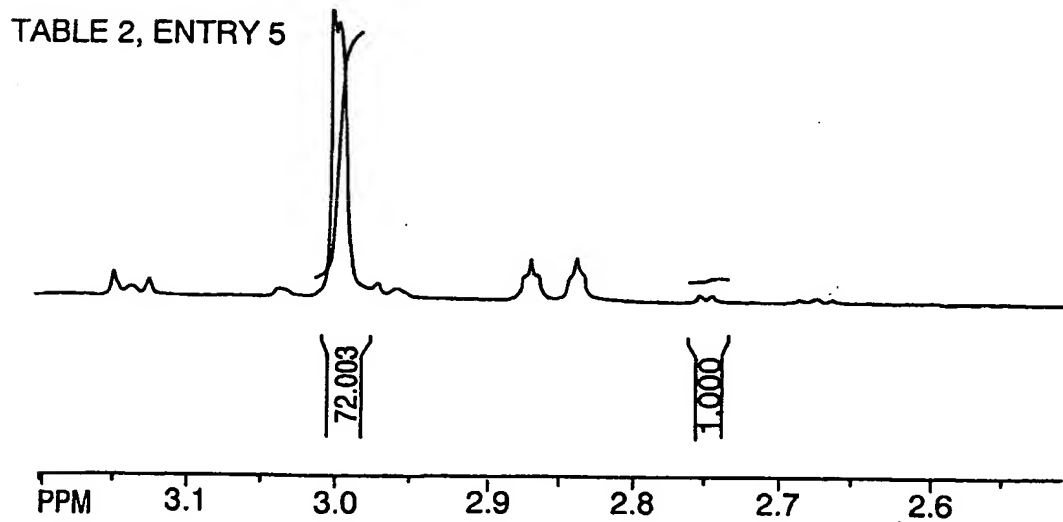


Fig. 33*Fig. 34*

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Fig. 35

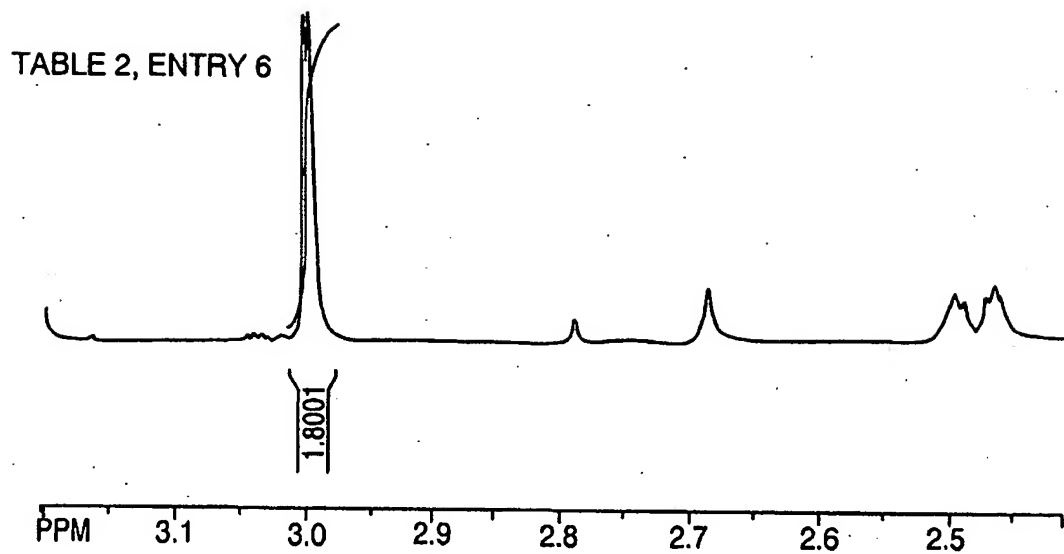


Fig. 36

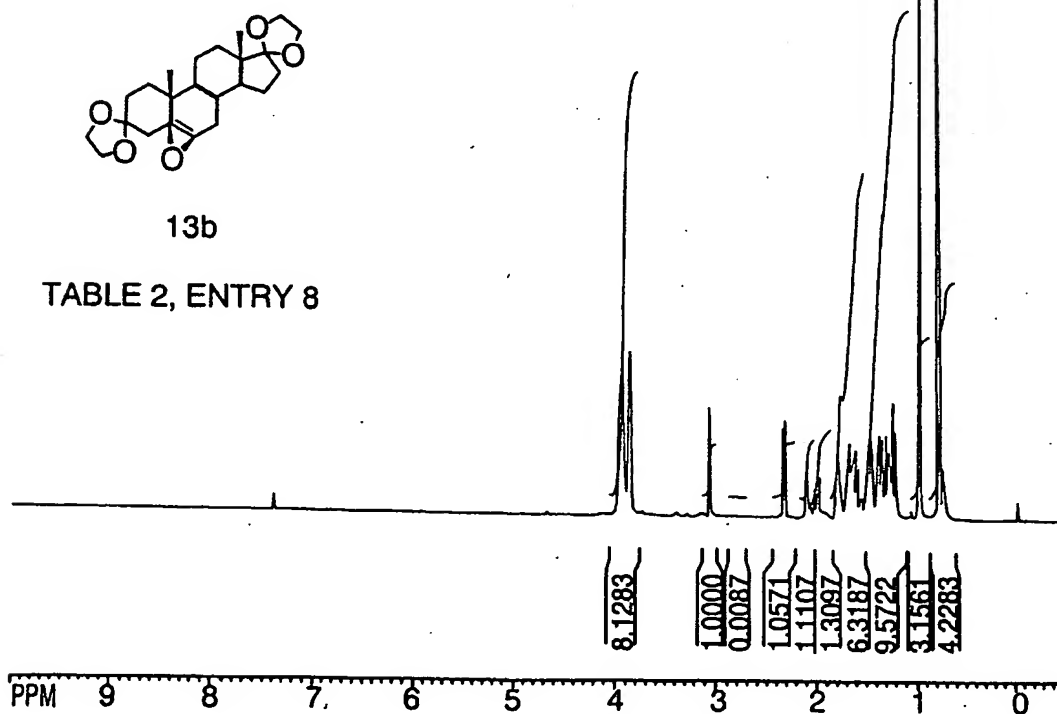


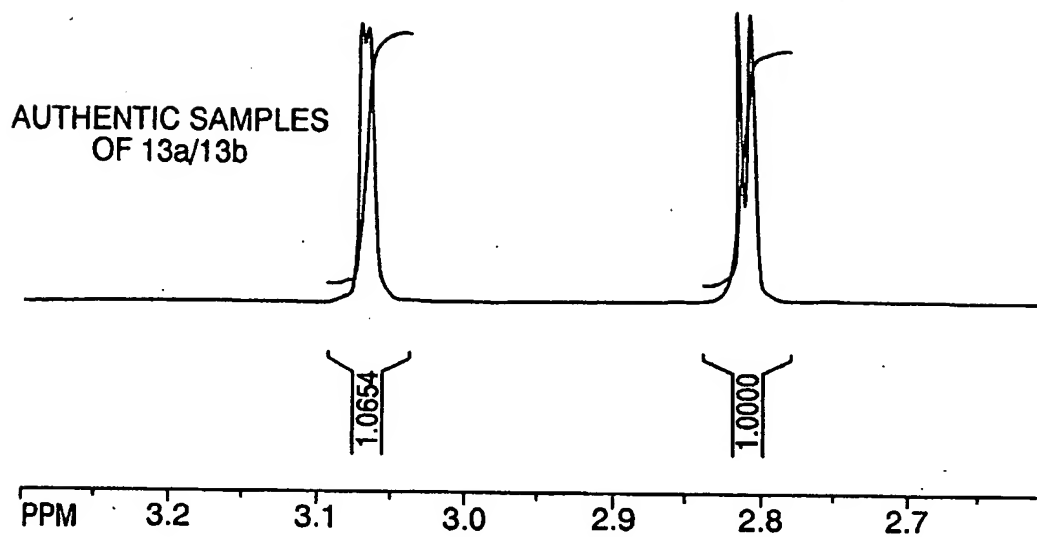
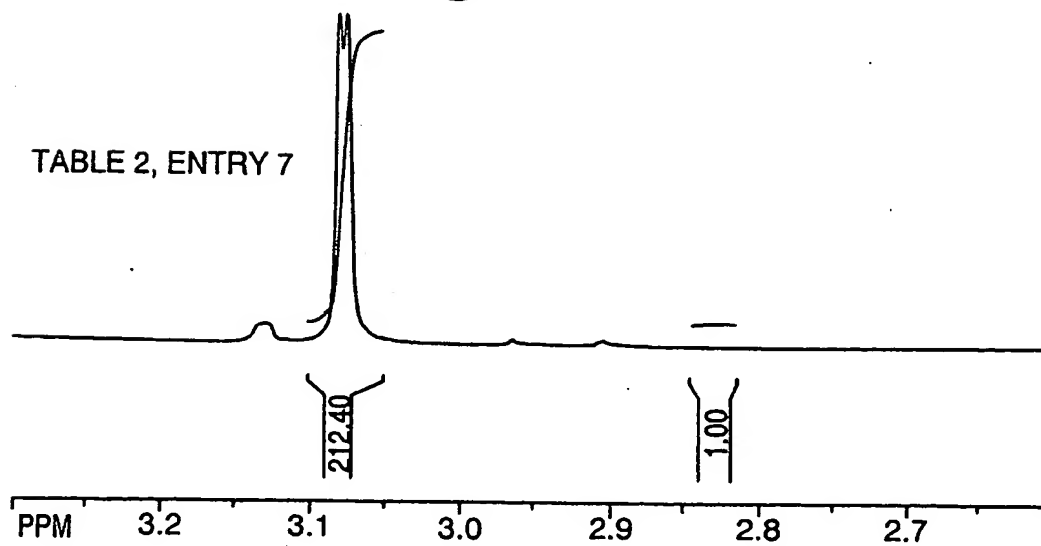
Fig. 37*Fig. 38*

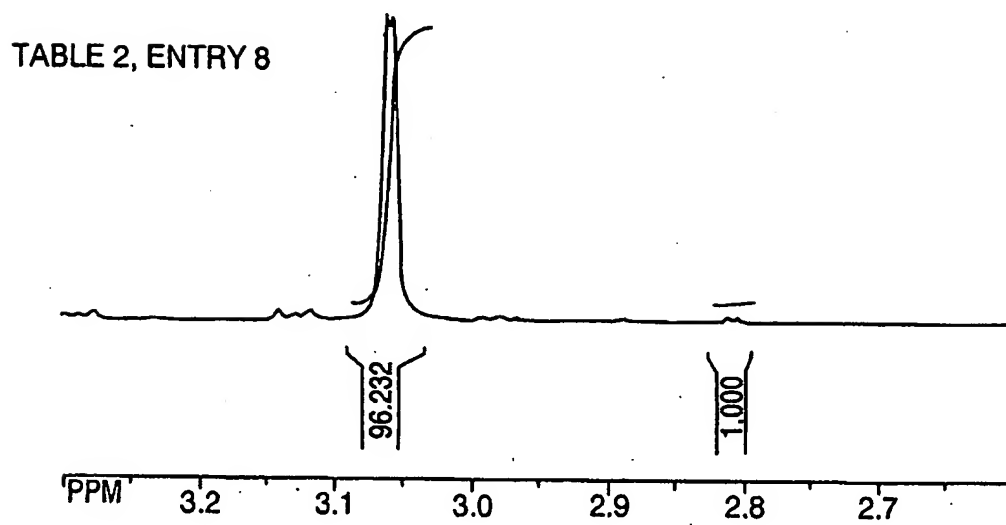
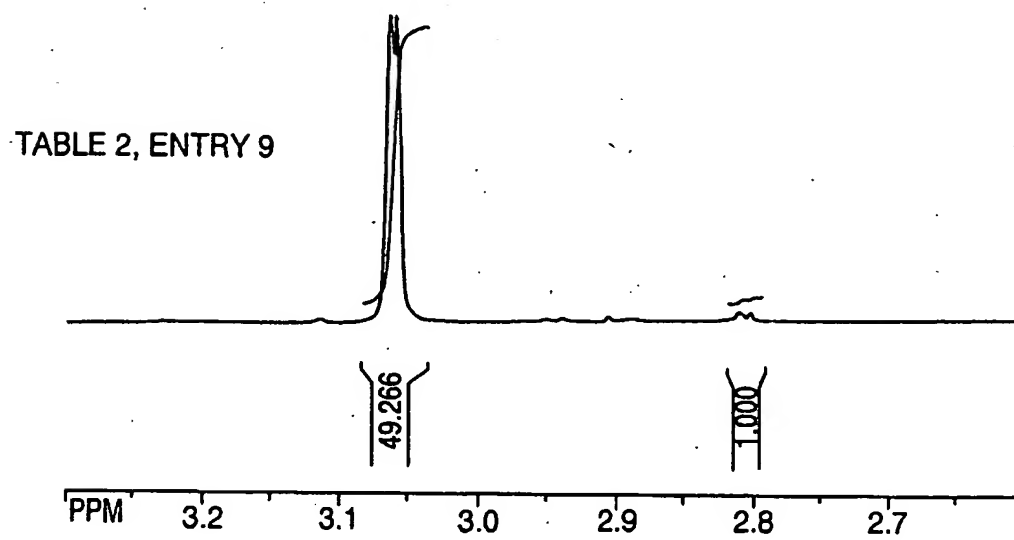
Fig. 39*Fig. 40*

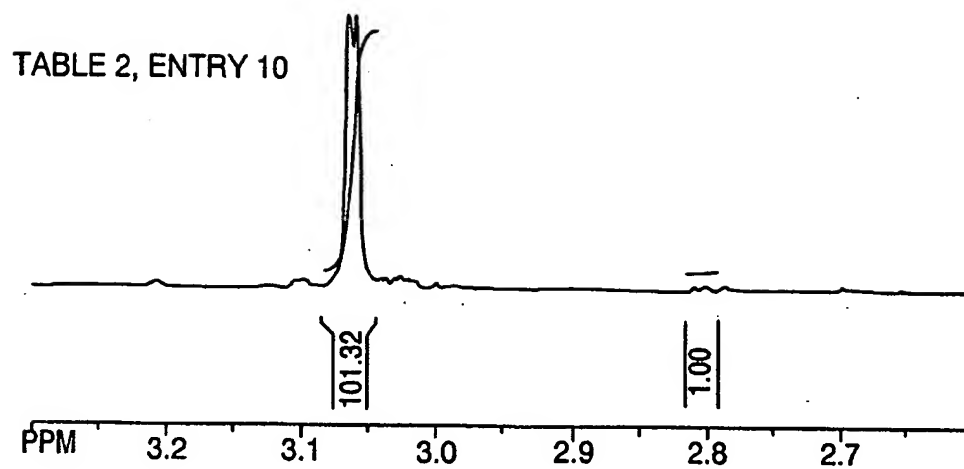
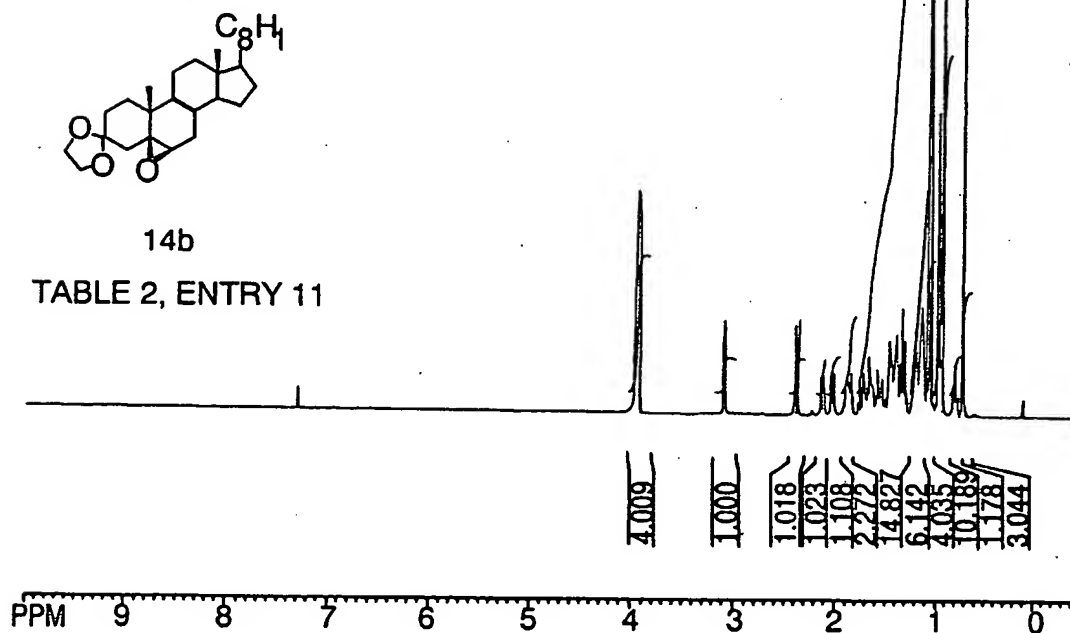
Fig. 41*Fig. 42*

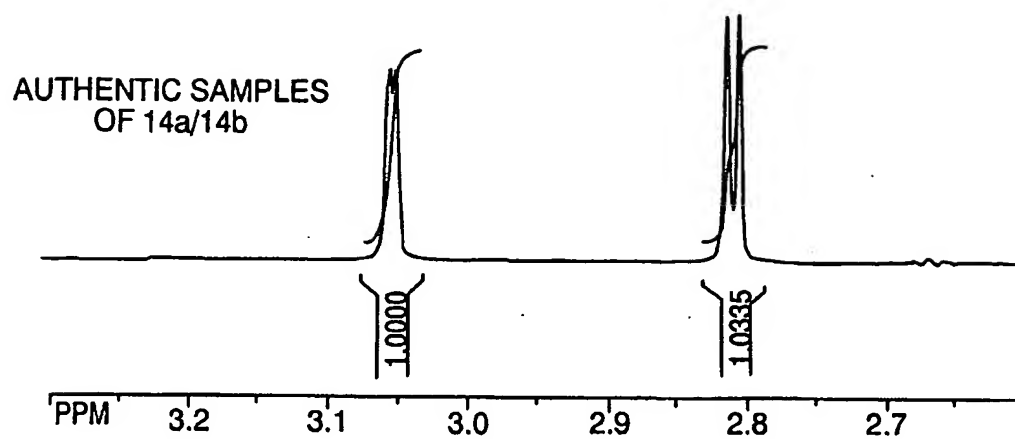
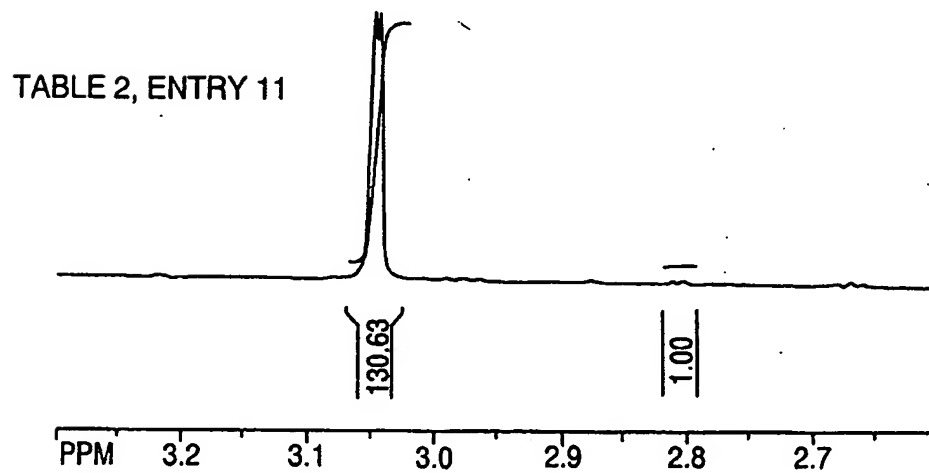
Fig. 43*Fig. 44*

Fig. 45

TABLE 2, ENTRY 12

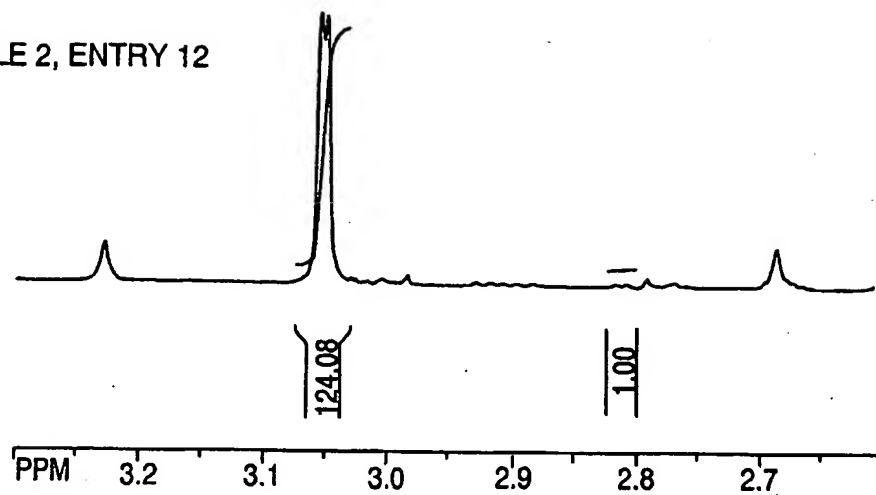
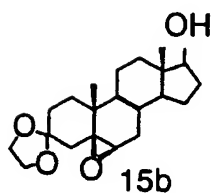
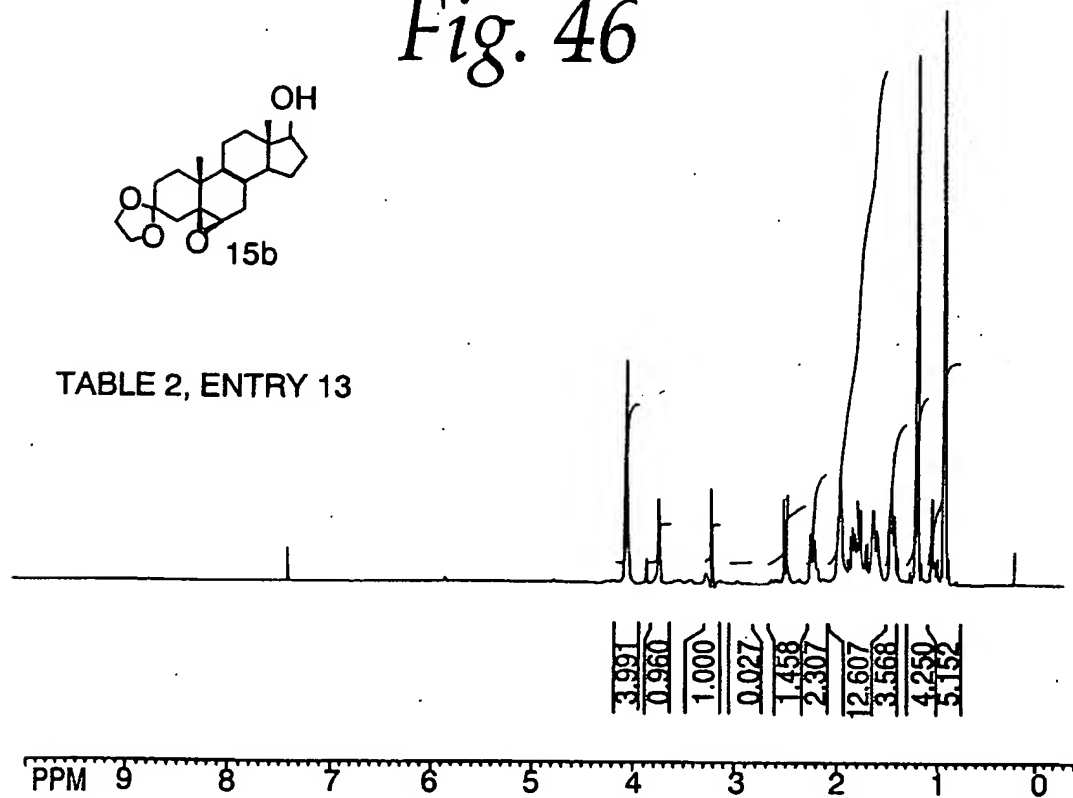
*Fig. 46*

TABLE 2, ENTRY 13



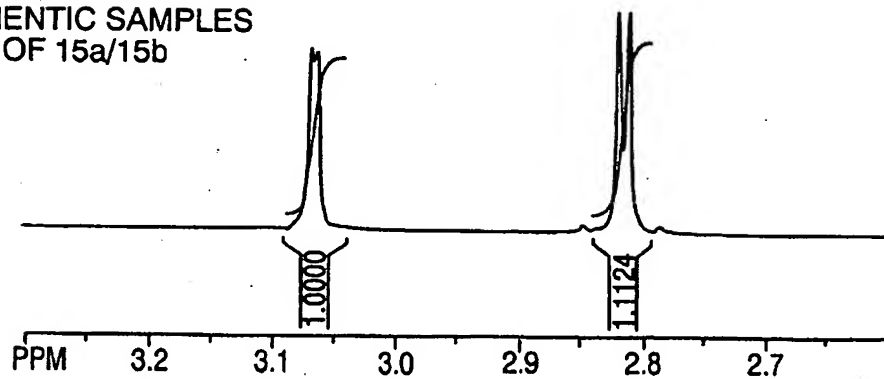
*Fig. 47*AUTHENTIC SAMPLES
OF 15a/15b*Fig. 48*

TABLE 2, ENTRY 13

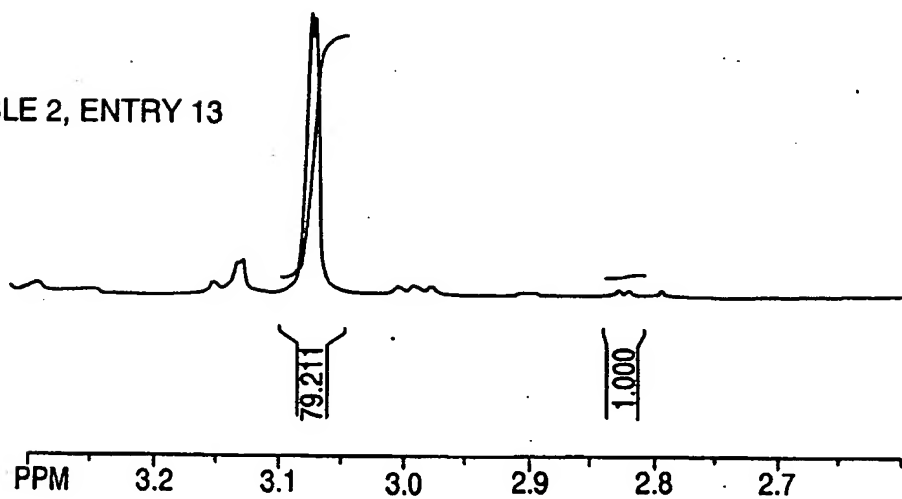


Fig. 49

TABLE 2, ENTRY 14

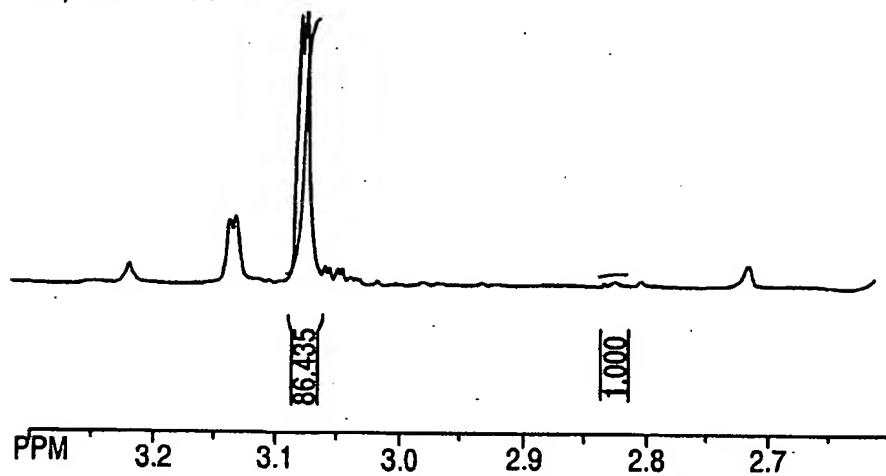
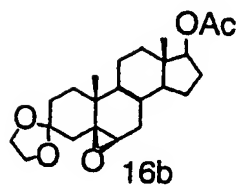
*Fig. 50*

TABLE 2, ENTRY 13

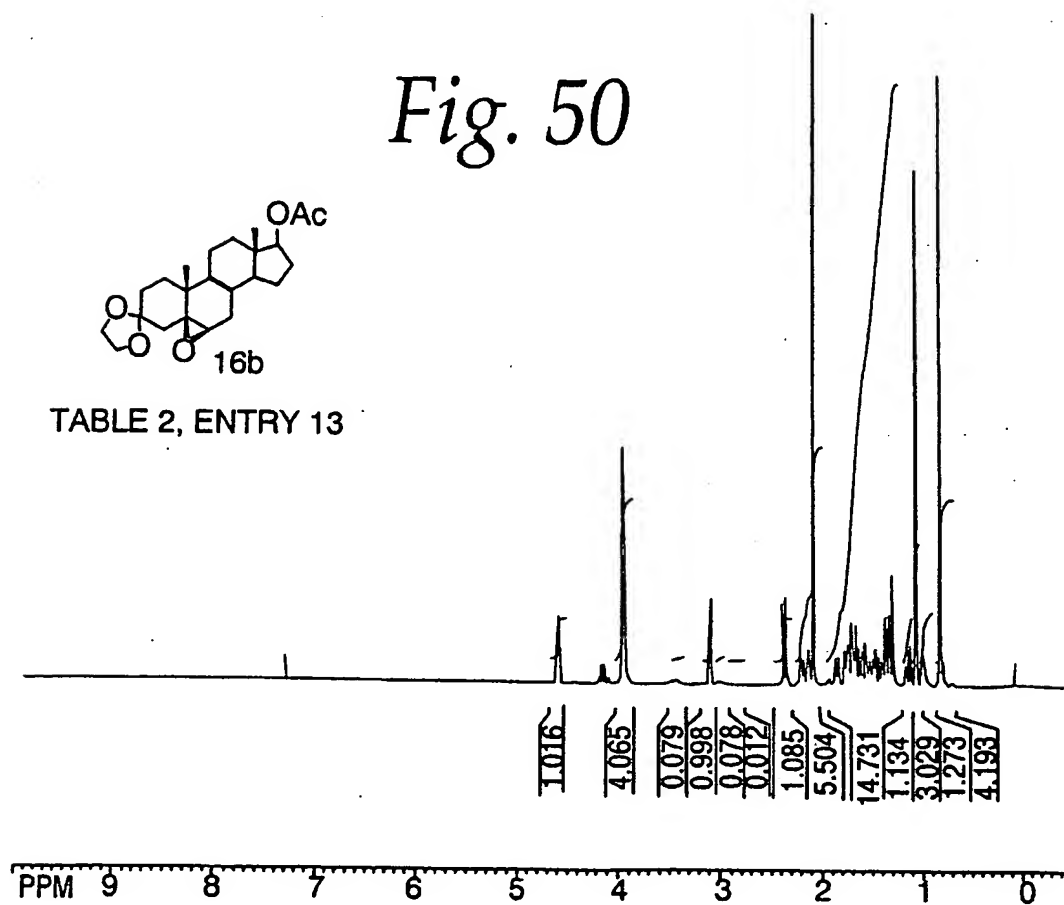


Fig. 51

AUTHENTIC SAMPLES
OF 16a/16b

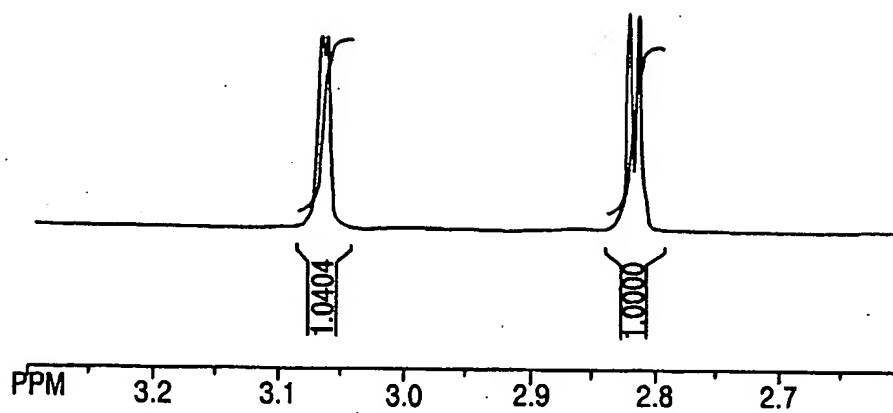
*Fig. 52*

TABLE 2, ENTRY 15

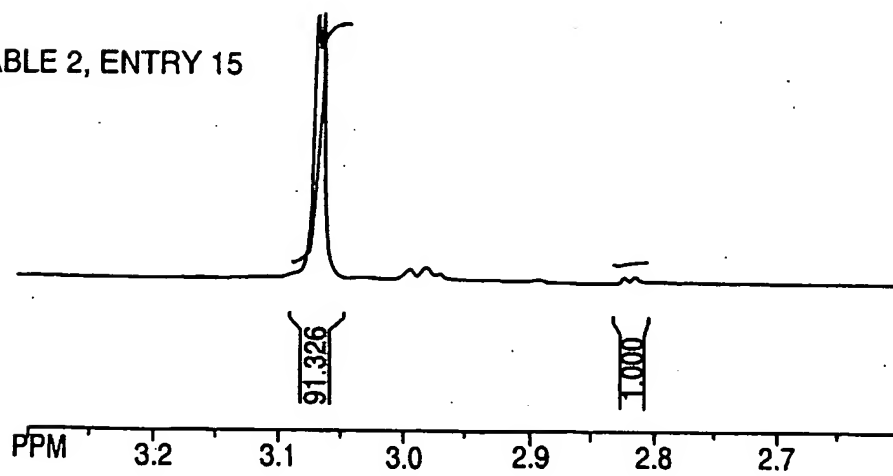


Fig. 53

TABLE 2, ENTRY 16

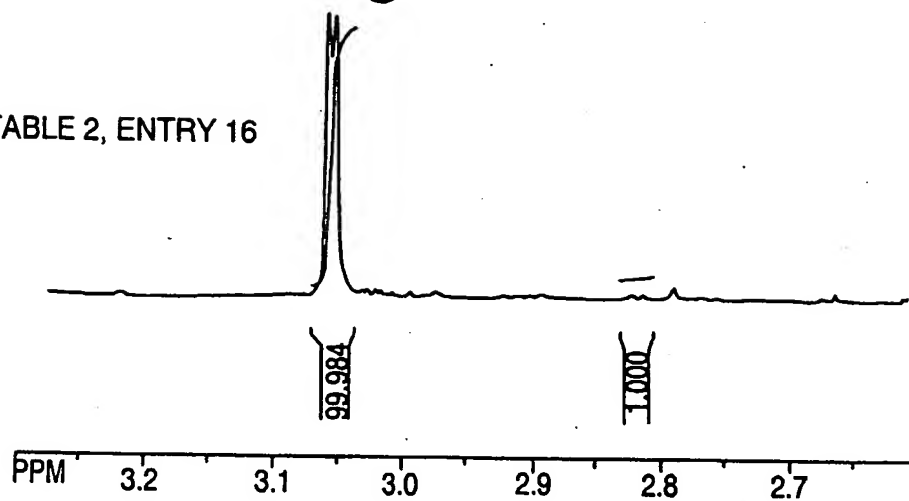
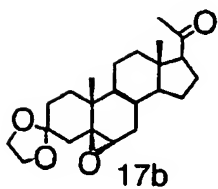
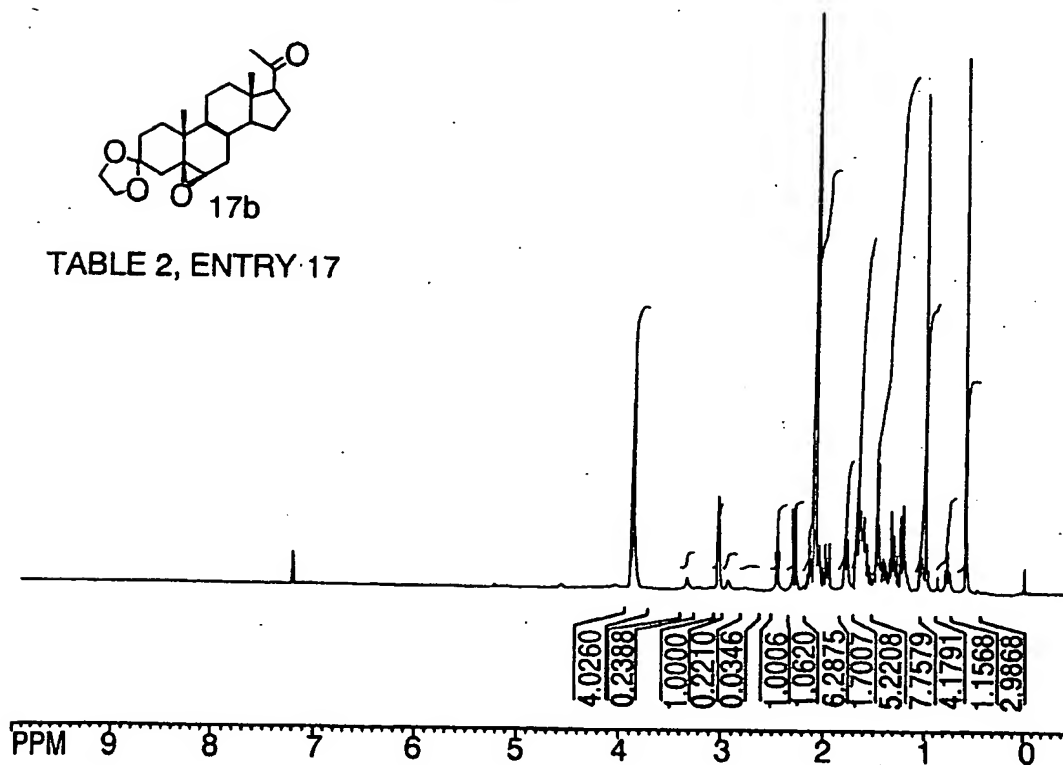
*Fig. 54*

TABLE 2, ENTRY 17



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Fig. 55

AUTHENTIC SAMPLES
OF 17a/17b

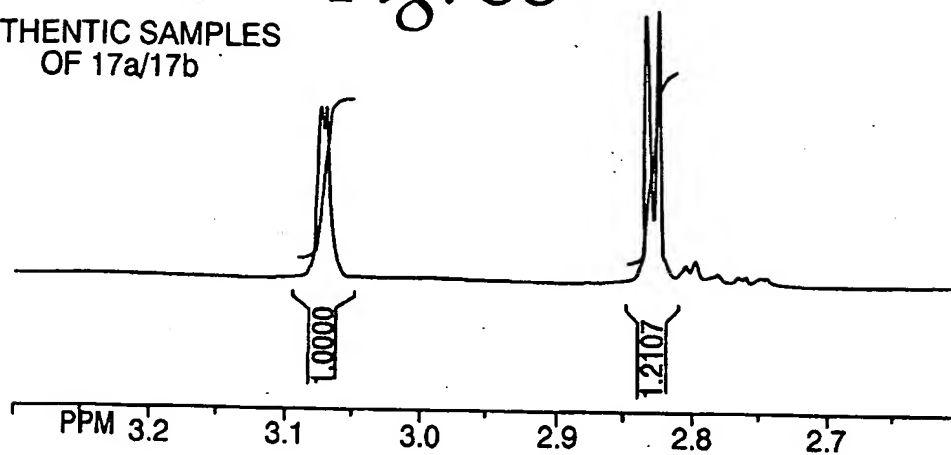


Fig. 56

TABLE 2, ENTRY 17

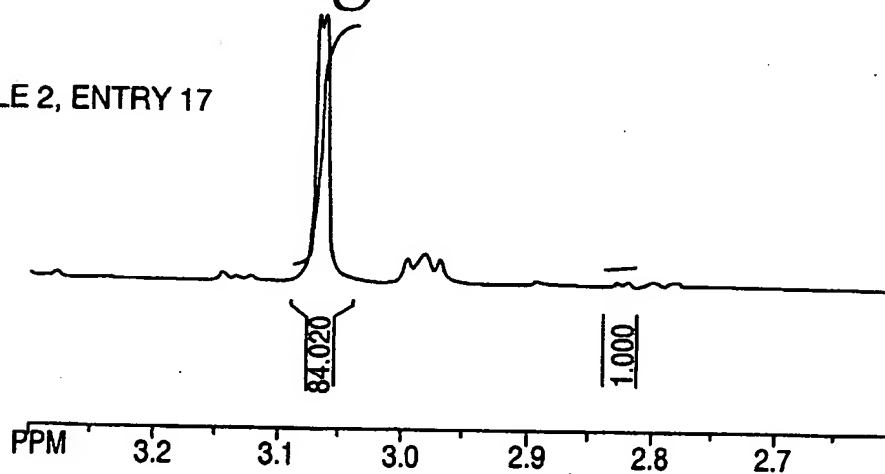
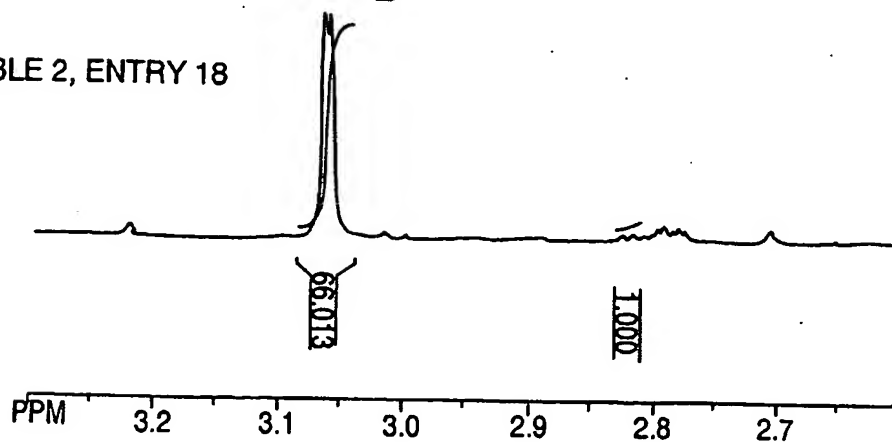



Fig. 57

TABLE 2, ENTRY 18





18b

Fig. 58

O=C1CC[C@H]2[C@@H](C(=O)OCC1)CC[C@H]3[C@@H](C(=O)OCC2)CC[C@H]4[C@@H](C(=O)OCC3)CC[C@H]4C
18b

TABLE 2, ENTRY 19

8.279
7.000
2.033
2.173
12.049
5.452
2.280
3.088
1.189
4.233

PPM 9 8 7 6 5 4 3 2 1 0

**AUTHENTIC SAMPLES
OF 18a/18b**

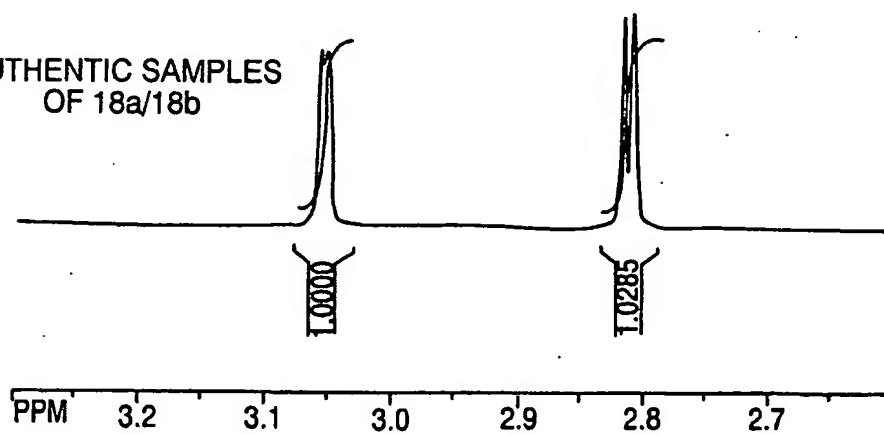


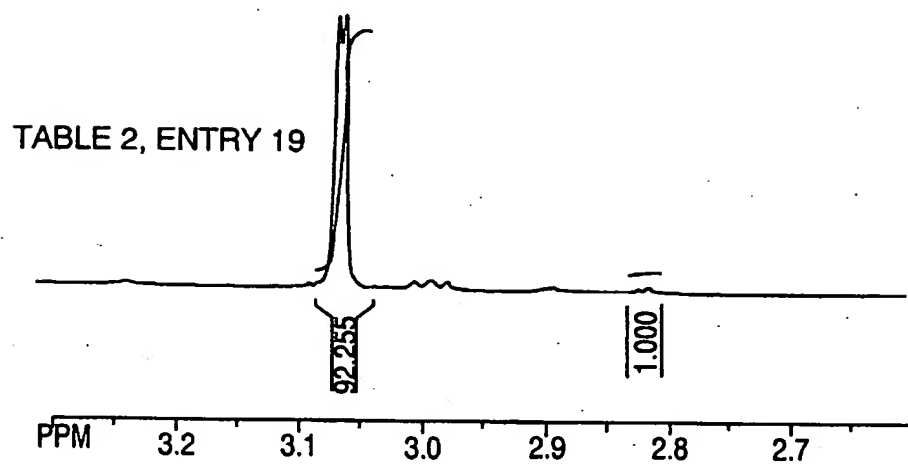
Fig. 60*Fig. 61*

TABLE 2, ENTRY 19
(10 mmol Scale)

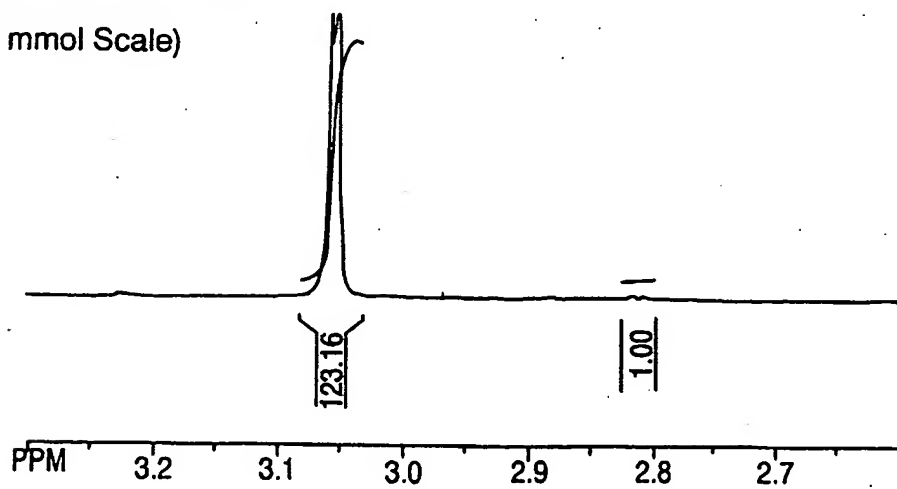


Fig. 62

TABLE 2, ENTRY 20

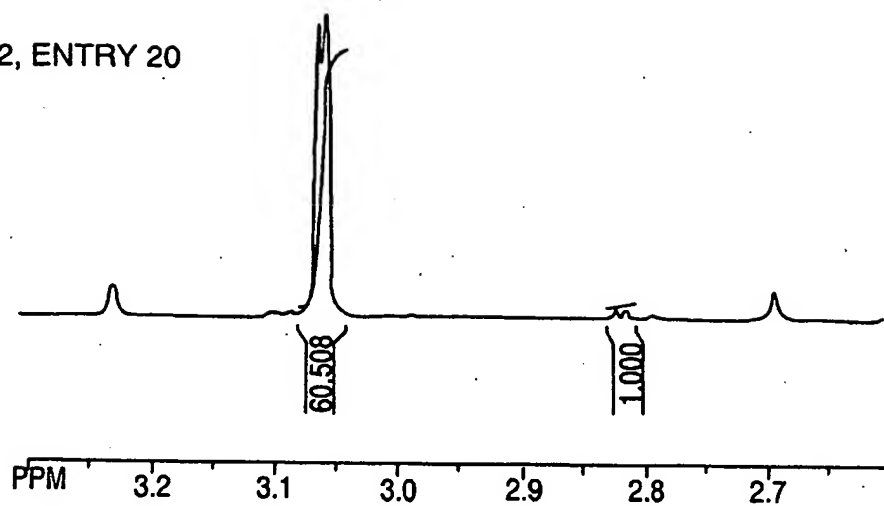
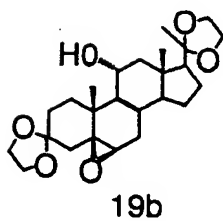
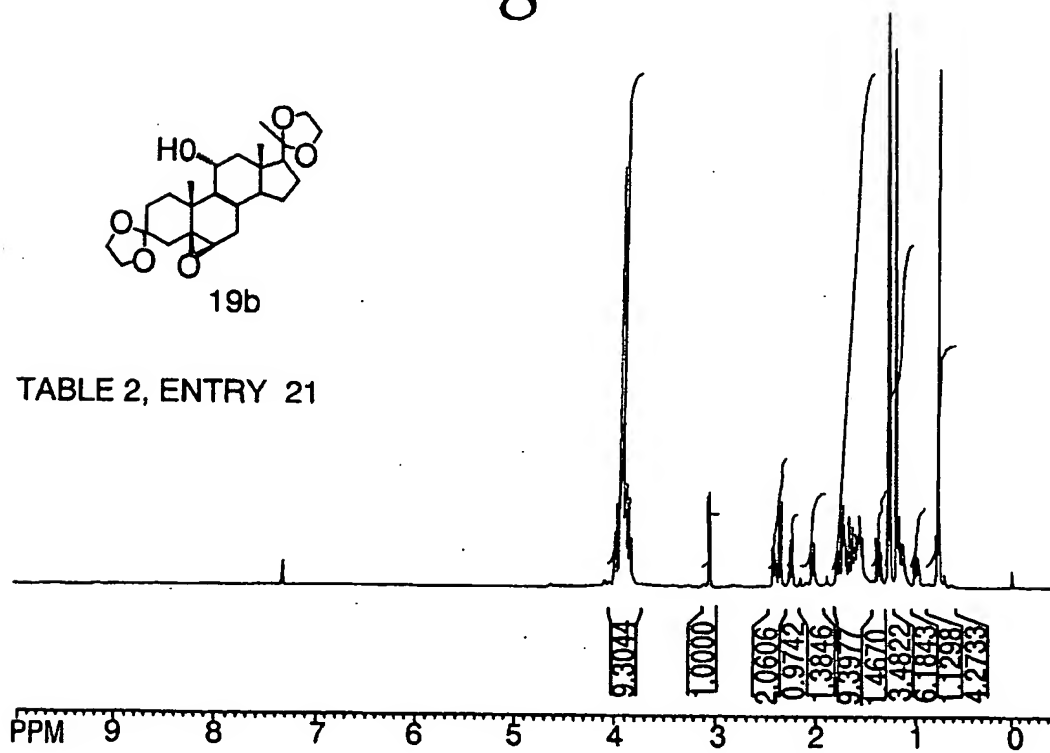
*Fig. 63*

TABLE 2, ENTRY 21



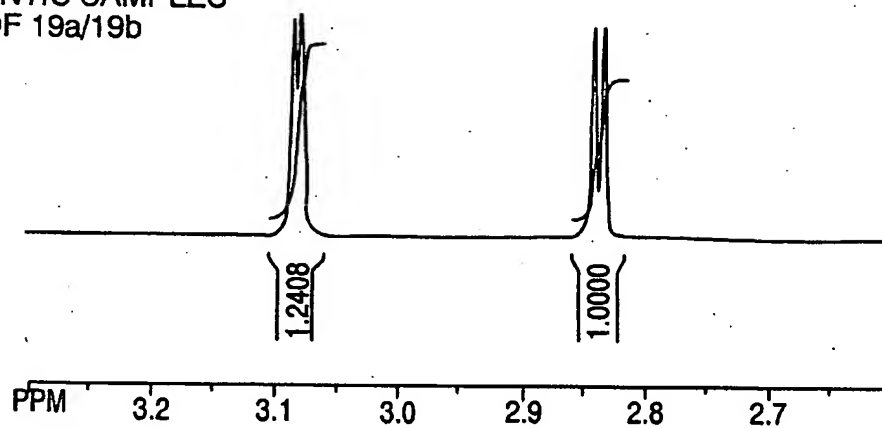
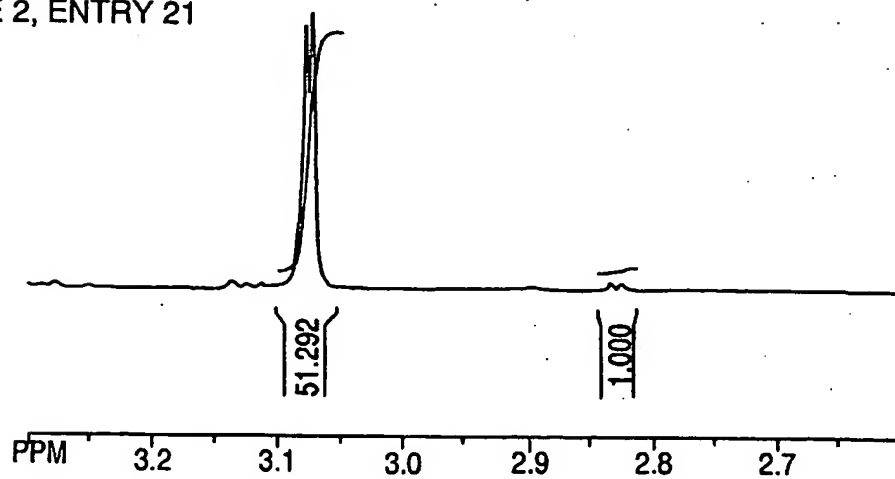
*Fig. 64*AUTHENTIC SAMPLES
OF 19a/19b*Fig. 65*

TABLE 2, ENTRY 21



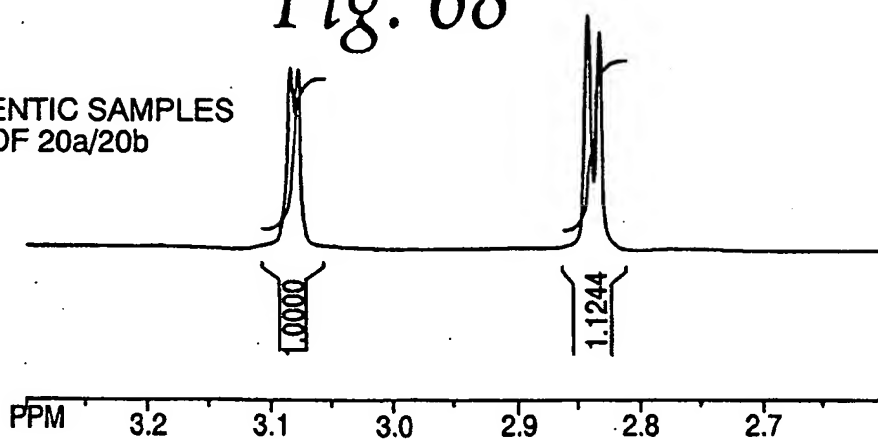
*Fig. 68*AUTHENTIC SAMPLES
OF 20a/20b*Fig. 69*

TABLE 2, ENTRY 23

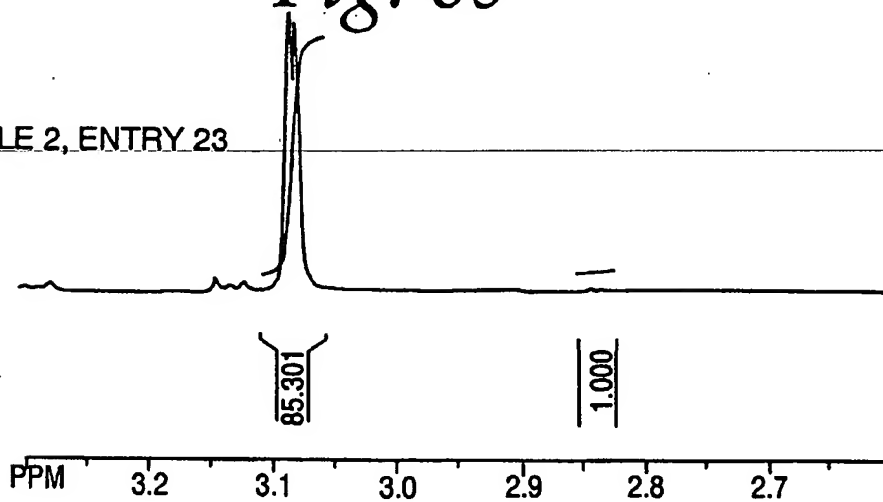
*Fig. 70*

TABLE 2, ENTRY 24

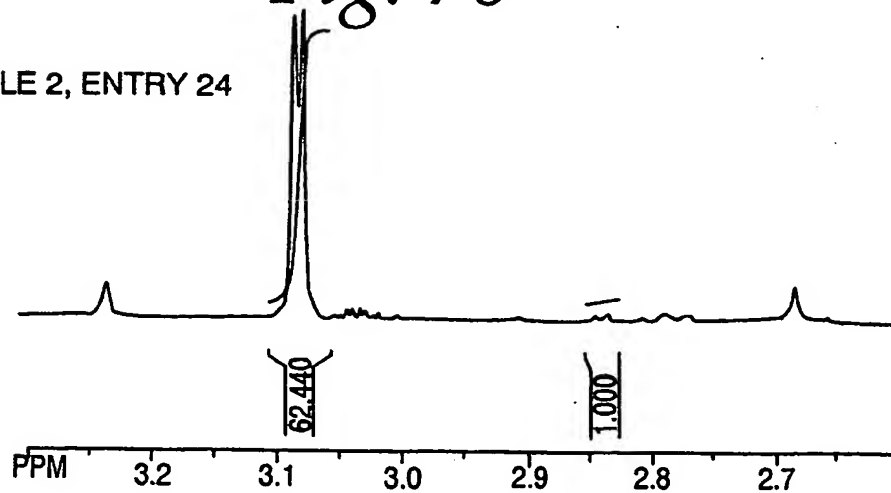
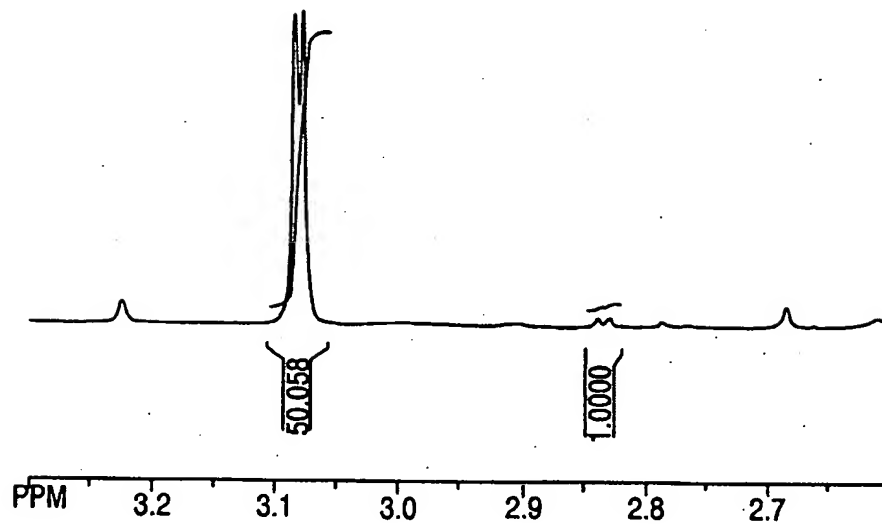


Fig. 66*Fig. 67*